

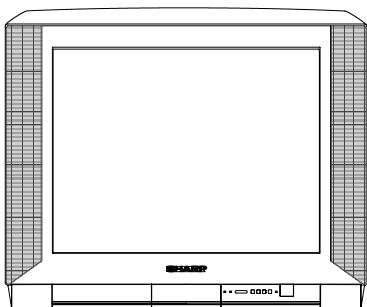
**SHARP®****SERVICE MANUAL**

SEJB72GF66E00

Issued: 21st May 2001

**DA-100W CHASSIS**

PAL SYSTEM COLOUR TELEVISION


**MODEL  
72GF-66E<sub>DE/ES/GG/IT/CH</sub>**

In the interests of user safety (required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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**SHARP CORPORATION**

This document has been published to  
be used for after sales service only.

## SERVICE MANUAL UPDATE LOG SHEET

Technical Report No. Technical Bulletin No.	Cause / Solution	Part No.	Page No.	Application Data /Serial No.

Use this page to keep any special servicing information as Technical Report (Bulletin), Technical Information, etc. If only part number changes are required, just change part number directly the part number in the Parts Listing Section. If you need more information, please refer to the Technical Report (Bulletin).

## ELECTRICAL SPECIFICATIONS

- Power Input ..... 220V-240 Volts AC 50Hz
- Power Consumption
  - Normal Operation ..... 110W
  - Stand-by Operation ..... 1W
- Audio Power Output Rating (MPO) / Impedance
  - Internal Left Speaker..... 15W (MPO)
  - Internal Right Speaker..... 15W (MPO)
  - Internal Centre Speaker..... 15W (MPO)
  - Internal Subwoofer..... 20W (MPO)
- Speakers
  - Left / Right..... 7Ω 12W, 6 x 12cm
  - Centre ..... 7Ω 12W, 6 x 12 cm
  - Subwoofer..... 4.5Ω 20W, 11cm Round
- Convergence
  - Static (Centre) ..... between any two colours
  - Dynamic ..... after static equals zero
- Focus ..... High Bi-Potential Electrostatic
- Sweep Deflection ..... Magnetic
- White Level
  - Set brightness control to get total picture tube cathode current of 600 microampere under no signal condition. Maximum necessary correction of each picture tube cathode current to get 8550 degrees K+1 MPCD screen temperature should not exceed 15% of its original value.

**X=0.290      Y=0.300**

- Picture Intermediate frequency
 

L'	..... 33.9MHz
L, B/G, D/K, I	..... 38.9MHz
- Sound Carrier Trap
 

L'	..... 40.4MHz
L, D/K	..... 32.4MHz
B/G	..... 33.4MHz
I	..... 32.9MHz
- Adjacent Sound Carrier Trap
 

L'	..... 32.4MHz
L, D/K, B/G	..... 40.4MHz
I	..... 40.9MHz
- Adjacent Picture Carrier Trap
 

L'	..... 41.9MHz
L, D/K, I	..... 30.9MHz
B/G	..... 31.9MHz
- Aerial Input Impedance
  - VHF/UHF ..... 75 ohm Unbalanced
- Tuning Ranges .... 48.25 MHz thru 855.25 MHz
  - VHF: E2-E12 CH, F2-F10, IR A-IR J CH
  - S1-S41 CH (Hiperband)
  - UHF: E21-E69 CH, I21-I69 CH

Specifications are subject to change without prior notice.

### EN 61000-3-2

In order to comply with the European Norm 61000-3-2 regarding Electromagnetic compatibility (EMC) on every TV set manufactured from January 2001.

On TV set manufactured before the above date (Serial Number 801022 or previous), this modification is not required.

### MODEL DESTINATION & DIFFERENCES.

**72GF-66EDE:** Germany, Austria. Particular Operation Manual.

**72GF-66EES:** Spain. Particular Operation Manual.

**72GF-66EGG:** Greece. No Operation Manual from Factory. Particular EPROM.

**72GF-66EIT:** Italy. Particular Operation Manual.

**72GF-66ECH:** Switzerland. Particular Operation Manual.

### WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.

To prevent electric shock, do not remove cover. No user-serviceable parts inside. Refer servicing to qualified service personnel.

# IMPORTANT SERVICING NOTES

Only qualified service personnel are allowed to carry out maintenance and repair of this receiver.

## SERVICING OF HIGH VOLTAGE SYSTEM AND CRT

It is important that the static charge is removed from the high voltage system when carrying out work on the receiver. This can be achieved by connecting a 10K resistor (with a suitably insulated lead) from the CRT cavity connector to the CRT ground tag. This must be carried out with the AC supply disconnected from the receiver.

Note the following:

- The CRT in this receiver employs Integral Implosion Protection.
- If the CRT has to be changed it MUST be replaced with the correct type for continued safe working
- DO NOT lift the CRT by its neck.
- When handing the CRT, ensure that shatterproof goggles are worn.
- Ensure that the CRT is discharge before handling.

## X-RAY

This receiver is designed to keep any x-ray emission to an absolute minimum. Some fault conditions and servicing procedures may produce potentially hazardous x-ray radiation levels. This is a problem when in close proximity to the receiver for long periods of time. To reduce any risks associated with this, please observe the following precautions:

1. When undertaking any servicing on this chassis, DO NOT increase the EHT to more than 33 KV, (at a instantaneous beam current of 1800 $\mu$ A).
2. Ensure that during normal operation the EHT does not exceed 32KV $\pm$ 1KV (at a beam current of 1300 $\mu$ A). This level has been preset in the factory. Always check that this level has not been exceeded after carrying out any repair on the receiver.
3. DO NOT replace the CRT with any other type than that specified in the parts listing as this may cause excessive x-ray radiation.

## BEFORE RETURNING THE RECEIVER TO THE CUSTOMER

In addition to the above checks, the following should also be carried out before returning the receiver to the customer.

1. Inspect all the leads to ensure that they are dressed correctly and that they are not obstructed or pinched by any other parts.
2. Ensure that all protective devices are in good condition. These will include nonmetallic control knobs, insulating fish papers, cabinets backs, compartment covers or shields, mechanical insulators, etc.

## ADJUSTMENT PROCEDURES

All adjustments to this chassis, except for focus, are carried out in the service mode.

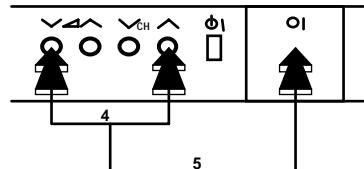
### • SERVICE MODE

The service mode is provided to enable the engineer to correctly set up the receiver to the CRT fitted in the set. Note that these adjustments may vary from one receiver to another.

To enter the service mode, carry out the following procedure.

1. Connect a test pattern to the antenna terminal.
2. Tune the receiver to this signal.
3. Turn the receiver off using the mains switch.
4. Press volume down and channel up buttons on the front of the receiver at the same time.
5. Keeping these buttons pressed, turn the mains on.
6. When the set starts up it will be in service mode.
7. Release the two buttons.

- Use the channel up and down buttons to move between the options.
- Use the volume control buttons to change the data.
- To store the data, use the stand-by button on the remote control.
- To exit the service mode, turn the receiver off using the mains switch.



When the service mode is entered the following On Screen Display appears

-SERVICE SOFTWARE AND HEXADECIMAL COUNTER DISPLAY:  
SW ON XXXX SW OFF XXXX HOURS ON XXXX

The figures displayed in the XXXX locations are hexadecimal representations of the number of times that particular function has been executed. For example if the hexadecimal number displayed after SW ON was 0E4A, this would correspond to the receiver being turned on 3658 times.

### Adjustment menu:

The following adjustments can be carried out in the service mode.

- Horizontal Shift
- East West Width
- Pin Phase
- Pin Amp
- Upper corner correction
- Lower corner correction
- Vertical Linearity
- Vertical angle
- Vertical bow
- Vertical Amplitude
- S Correction
- Vertical Shift
- Red Gain
- Green Gain
- Blue Gain
- Red Cut Off
- Green Cut Off
- Blue Cut Off
- Alter NVM Page
- Alter NVM Position
- Alter NVM Value
- Teletext Mix Mode Contrast
- Teletext Contrast
- OSD Contrast
- DVCO Adjustment (Only PAL)
- DVCO Adjustment (Only NTSC)
- Luma croma delay
- AGC Adjustment
- AFT Adjustment (BG-I-L)
- AFT Adjustment (L')
- OPC Value
- Auto Installation On/Off

### Geometry Adjustments

All geometry adjustments are based on an internally generated test pattern as shown in figure 1. When carrying out any of the above geometry adjustments, use the internally generated test pattern for guidance.

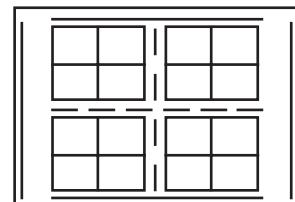


Fig.1

The following geometry adjustments can be carried out. Detailed instructions on how to execute these are given on the following pages

### Horizontal

- Horizontal Shift
- E-W Width
- Pin Phase
- Pin Amp
- Upper Corner Amplitude
- Lower Corner Symmetry

### Vertical

- Vertical Amplitude
- S Correction
- Vertical Shift
- Vertical Linearity
- Vertical angle
- Vertical bow

Just in case the TV set requires a full geometries adjustment, please proceed first with Vertical according to the above order, and after that, adjust Horizontal according to the above order.

#### Horizontal Shift

Adjust the horizontal shift so that the picture is centred.

The effect of this adjustment is shown in figure 2.

- When the volume up button is pressed, the picture moves to the left.
- When the volume down button is pressed, the picture moves to the right.
- Press the stand-by button on the remote control to store.

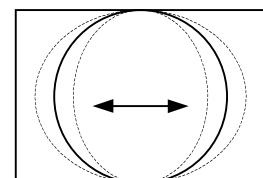


Fig.2

#### E-W Width

Adjust the E-W Width so that 9% over-scan is achieved.

The effect of this adjustment is shown in figure 3.

- When the volume up button is pressed, horizontal scanning increases.
- When the volume down button is pressed, horizontal scanning decreases.
- Press the stand-by button on the remote control to store.

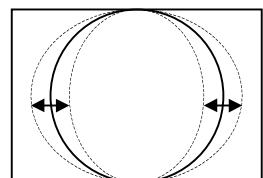


Fig.3

#### Pin Phase

Adjust the Pin Phase so that the picture is symmetrical top and bottom.

The effect of this adjustment is shown in figure 4.

- When the volume up button is pressed, side pincushion changes.
- When the volume down button is pressed, side pincushion changes.
- Press the stand-by button on the remote control to store.

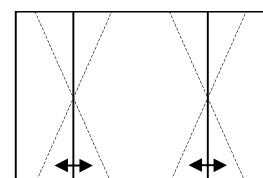


Fig.4

#### Pin Amp

Adjust the Pin Amplitude so that the picture is centred.

The effect of this adjustment is shown in figure 5.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

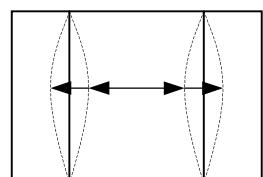


Fig.5

#### Upper Corner Correction

Adjust the Upper Corner Correction so that the picture is centred.

The effect of this adjustment is shown in figure 6.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

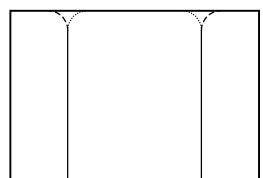


Fig.6

## Lower Corner Correction

Adjust the Lower Corner Correction so that the picture is centred.

The effect of this adjustment is shown in figure 7.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

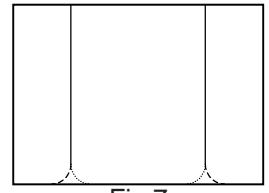


Fig.7

## Vertical Linearity

Adjust the Vertical Linearity so that the upper and lower parts of the picture are symmetrical.

The effect of this adjustment is shown in figure 8.

- When the volume up button is pressed, the upper picture scanning decreases and the lower picture scanning increases.
- When the volume down button is pressed, the upper picture scanning increases and the lower picture scanning decreases.
- Press the stand-by button on the remote control to store.

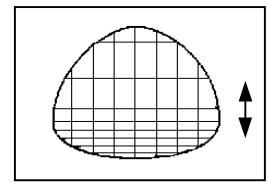


Fig.8

## Vertical Angle

Adjust the Vertical Amplitude so that the picture is centred.

The effect of this adjustment is shown in figure 9

- When the volume up button is pressed, the vertical angle changes to right.
- When the volume down button is pressed, the vertical angle changes to left.
- Press the stand-by button on the remote control to store.

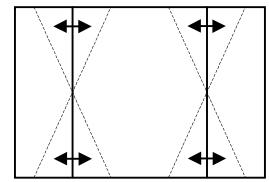


Fig.9

## Vertical Bow

Adjust the Vertical Bow so that the picture is centred.

The effect of this adjustment is shown in figure 10

- When the volume up button is pressed, the vertical bow changes to right.
- When the volume down button is pressed, the vertical bow changes to left.
- Press the stand-by button on the remote control to store.

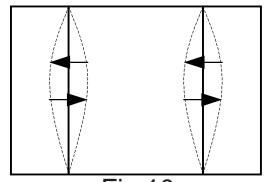


Fig.10

## Vertical Amplitude

Adjust the Vertical Amplitude so that the picture is over-scanned.

The effect of this adjustment is shown in figure 11.

- When the volume up button is pressed, the vertical size of the picture increases.
- When the volume down button is pressed, the vertical size of the picture decreases.
- Press the stand-by button on the remote control to store.

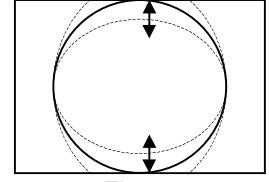


Fig.11

## S Correction

Adjust the S Correction so that the picture is symmetrical between the top, centre and bottom.

The effect of this adjustment is shown in figure 12.

- When the volume up button is pressed, the top and bottom scanning increases and the centre scanning decreases.

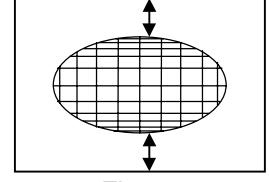


Fig.12

- When the volume down button is pressed the top and bottom scanning decreases and the centre scanning increases.
- Press the stand-by button on the remote control to store.

## Vertical Shift

Adjust the Vertical Shift so that the picture is centred. The effect of this adjustment is shown in figure 13.

- When the volume up button is pressed, the picture moves up.
- When the volume down button is pressed, the picture moves down.
- Press the stand-by button on the remote control to store.

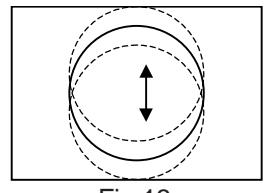


Fig.13

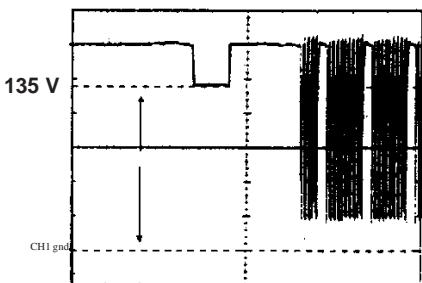
## Colour Adjustments

The following adjustments should only be carried out when the CRT, IC801 or IC801 are replaced.

### G2, Cut Off and Gain Adjustments

#### 1. Follow the procedure below to set the G2

- 1.1 Tune the set to the output of a signal generator (cross hatch pattern).
- 1.2 In the user menu, set contrast to 80/100 and brightness to 40/100.
- 1.3 Connect the oscilloscope to the red cathode and adjust G2 to read 135V on the sensor pulse as in the drawing:



#### NOTE:

Oscilloscope should be adjusted for vertical TV field trigger and synchronized with video signal.

#### 2. Follow the procedure below to set the Cut Off.

- 2.1 Adjust G2.
- 2.2 Tune a white card.
- 2.3 Adjust colour to minimum.
- 2.4 Position colorimeter in the centre of screen.
- 2.5 Adjust brightness and contrast to obtain a luminance of  $\approx 20$  NITS.
- 2.6 Operate in Service Mode and select location RED CUT OFF, GREEN CUT OFF and BLUE CUT OFF, to obtain colour coordinates:

$$X=0.290 \pm 0.015 \quad Y=0.300 \pm 0.015$$

To increase press volume-up button and to decrease press volume down button.

RED CUT OFF	alter «X» coordinate.
GREEN CUT OFF	alter «Y» coordinate.
BLUE CUT OFF	alter «X» and «Y» coordinate.

#### 3. Follow the procedure below to set the GAIN.

- 3.1 Using brightness and contrast buttons, select a luminance of  $\approx 120$  NITS.
- 3.2 Operate in Service Mode and select location RED GAIN, GREEN GAIN and BLUE GAIN, to obtain colour coordinates:

$$X=0.290 \pm 0.015 \quad Y=0.300 \pm 0.015$$

To increase press volume-up button and to decrease press volume down button.

RED CUT OFF	alter «X» coordinate.
GREEN CUT OFF	alter «Y» coordinate.
BLUE CUT OFF	alter «X» and «Y» coordinate.

- 3.3 Exit Service Mode and check colour coordinates «X» and «Y» at 20 and 120 NITS. It may be necessary to repeat procedure 2 and 3 of Colour Adjustments.

## Changing NVM Data

To change the data contained within the Non Volatile Memory, it is necessary to first select the page the data is stored in, then the position and finally to change the data itself. The procedure below outlines this process.

1. While on ALTER NVM PAGE, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
2. Press the channel up button and ALTER NVM POSITION appears, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
3. Press the channel up button and ALTER NVM VALUE appears, use the volume up/down buttons to change this data (data is shown in hexadecimal format).

4. Once this data has been set, press the standby button to store.
5. If another NVM value has to be changed, use the channel down button to select the page or position and repeat as necessary.

**Note:**

**DO NOT** change any NVM data, unless you have been advised to do so by a Sharp representative. If data is incorrectly changed, serious damage may occur to the receiver.

**Contrast Adjustments**

Three types of contrast levels can be varied as listed below:

- TELETEXT MIX MODE CONTRAST
- TELETEXT CONTRAST
- OSD CONTRAST

Use the volume up/down buttons to adjust to a suitable level, then press the standby button to store.

**DVCO Adjustment (PAL)**

Carry out the DVCO Adjustment (PAL) as shown below:

1. Receive a Phillips pattern signal.
2. While in the DVCO ADJUSTMENT (PAL) menu, press the standby button.
3. The adjustment will be carried out automatically and stored.

**DVCO Adjustment (NTSC)**

No adjustment required.

**Auto Installation On/Off**

To return the receiver to the original Auto Installation mode, using the volume up or down button, set the Auto Installation On/Off to On. This setting is automatically stored and when the receiver is turned on the next time it will start up in Auto Installation mode.

**AGC Adjustment**

To correctly align the Automatic Gain Control, follow the procedure outlined below:

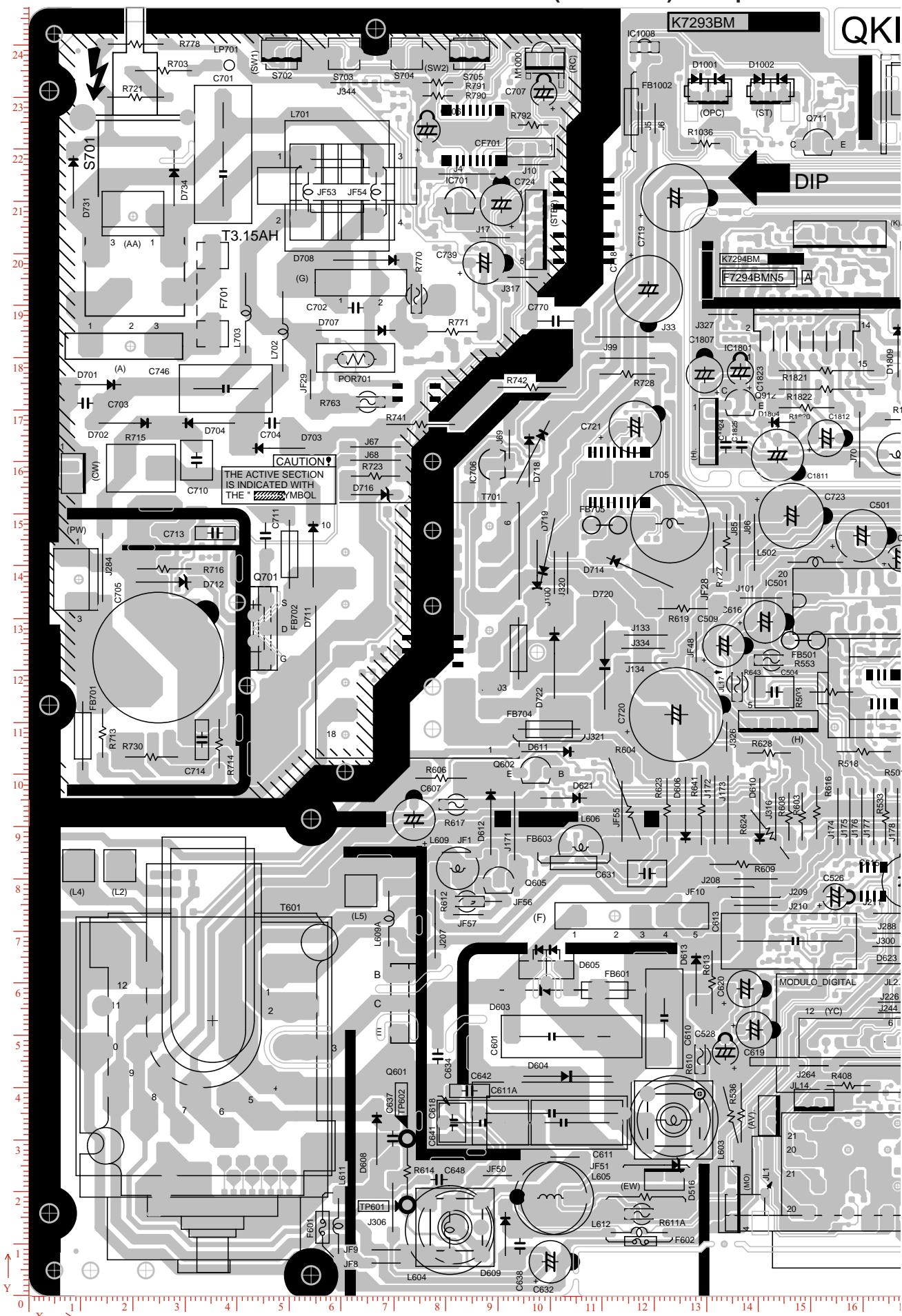
1. Tune the set into a pattern generator on CH10.
2. Adjust the signal strength of the pattern generator to 57uV
3. Enter the service mode.
4. Enter the AGC Adjustment menu.
5. Press the standby button on the remote control.
6. The adjustment will be carried out and stored automatically.

**AFT Adjustment**

To correctly align the Automatic Fine Tune, follow the procedure outlined below:

1. Tune the set into a pattern generator on CH69.
2. Enter the service mode.
3. Enter the AFT Adjustment menu.
4. Press the standby button on the remote control.
5. The adjustment will be carried out and stored automatically.

## MOTHER UNIT PRINTED WIRING BOARD (F7293N5A). Component side.

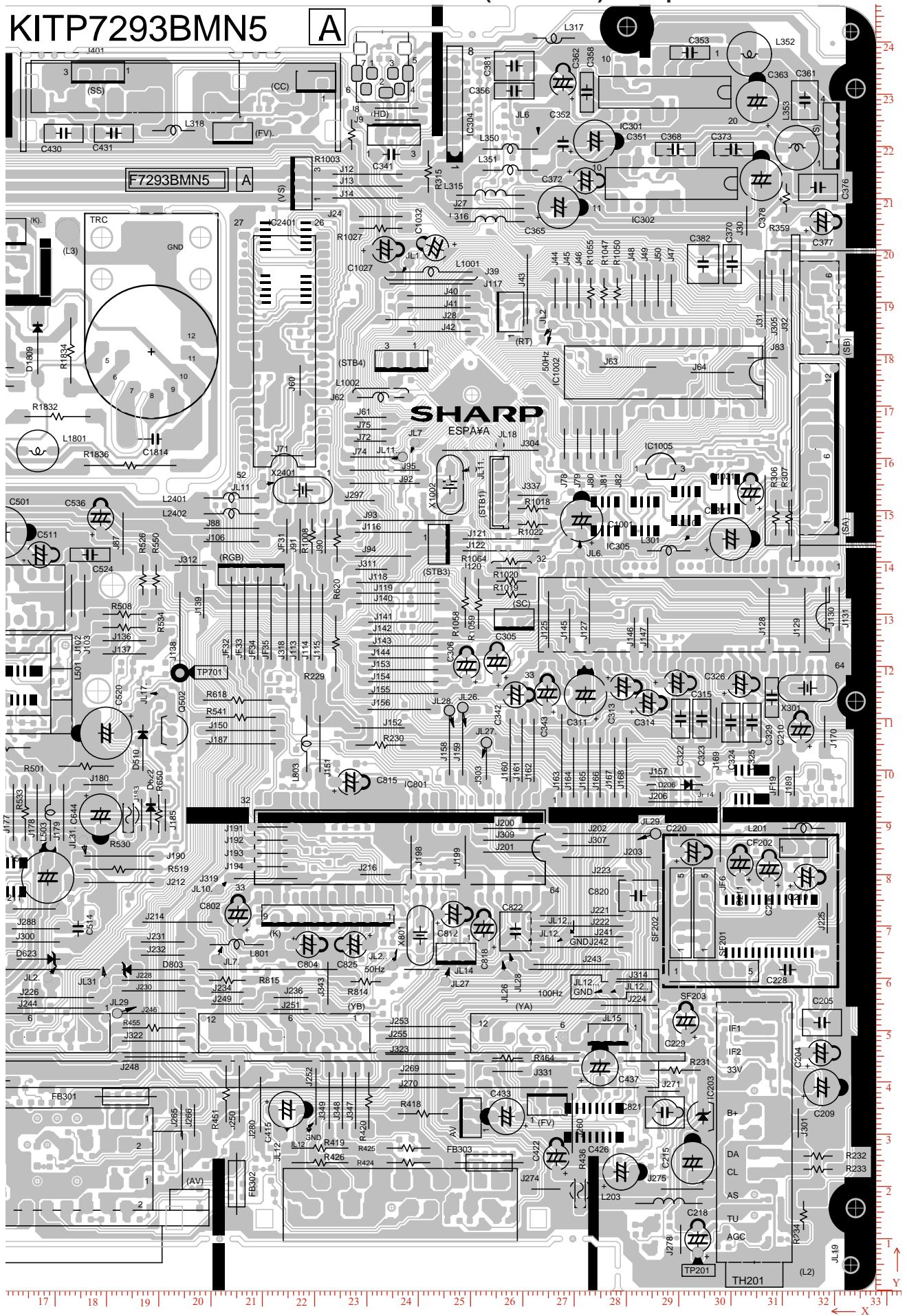


## MOTHER UNIT PRINTED WIRING BOARD (F7293N5A). Component side.

KITP7293BMN5

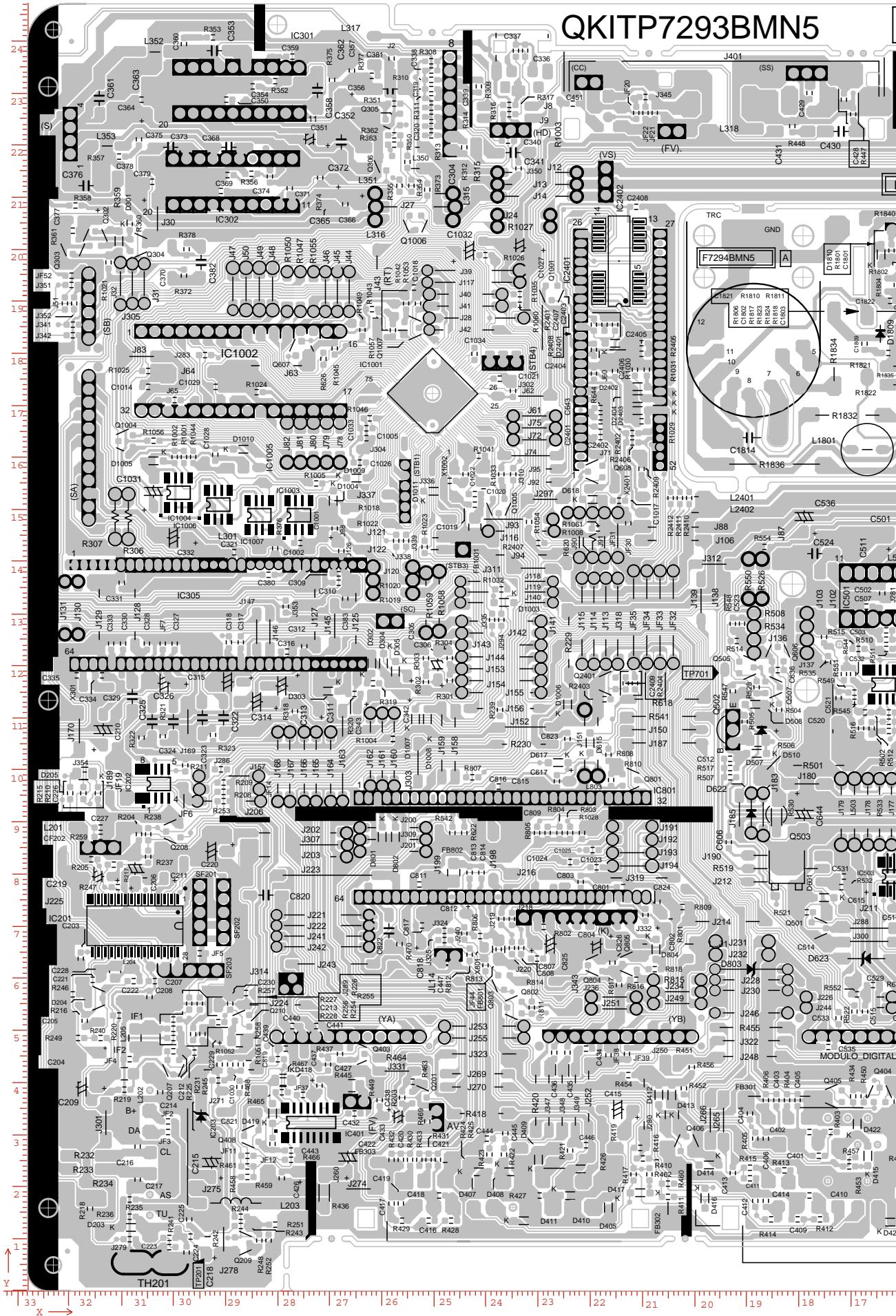
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A

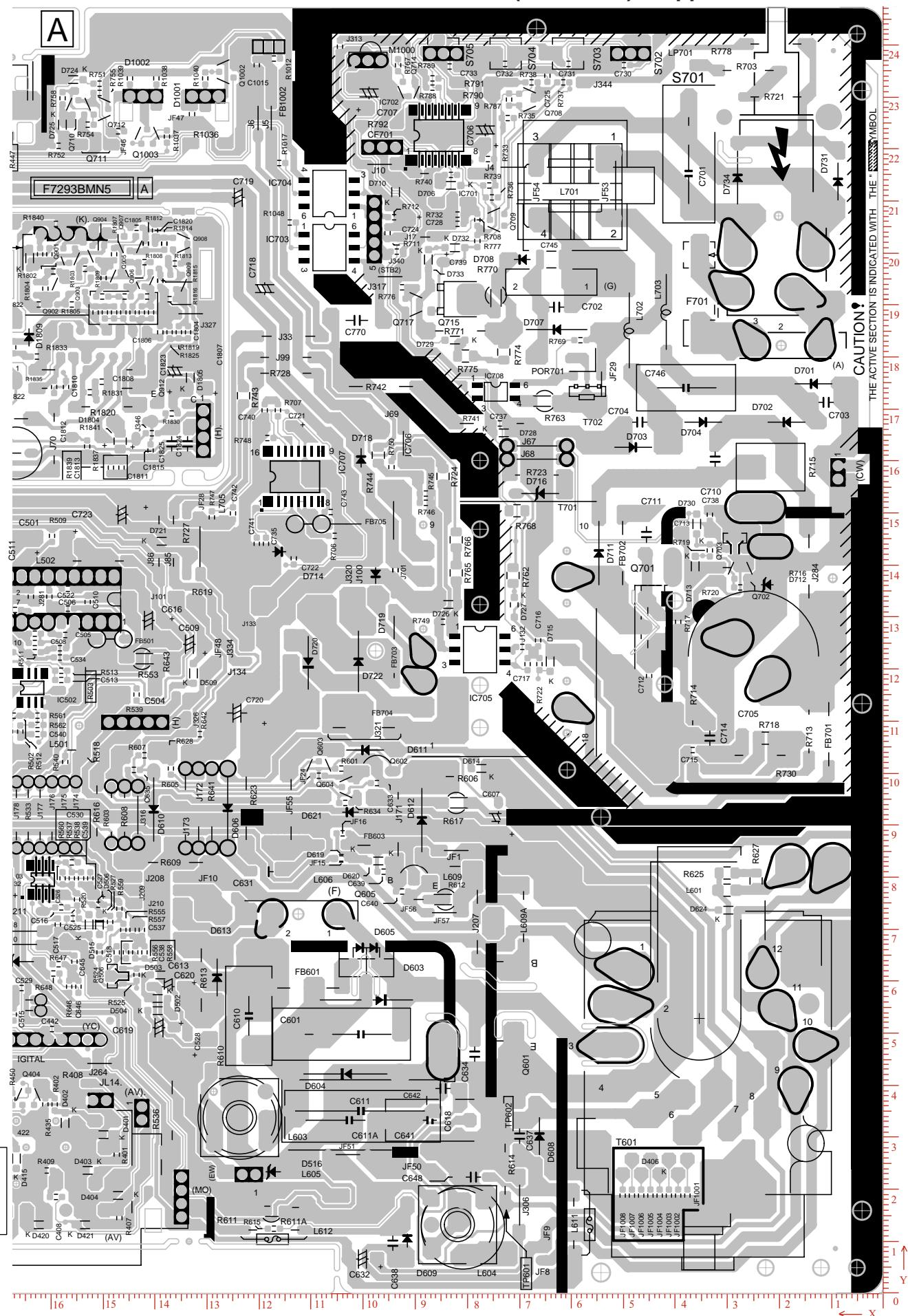


**MOTHER UNIT PRINTED WIRING BOARD (F7293N5A). Copper side.**

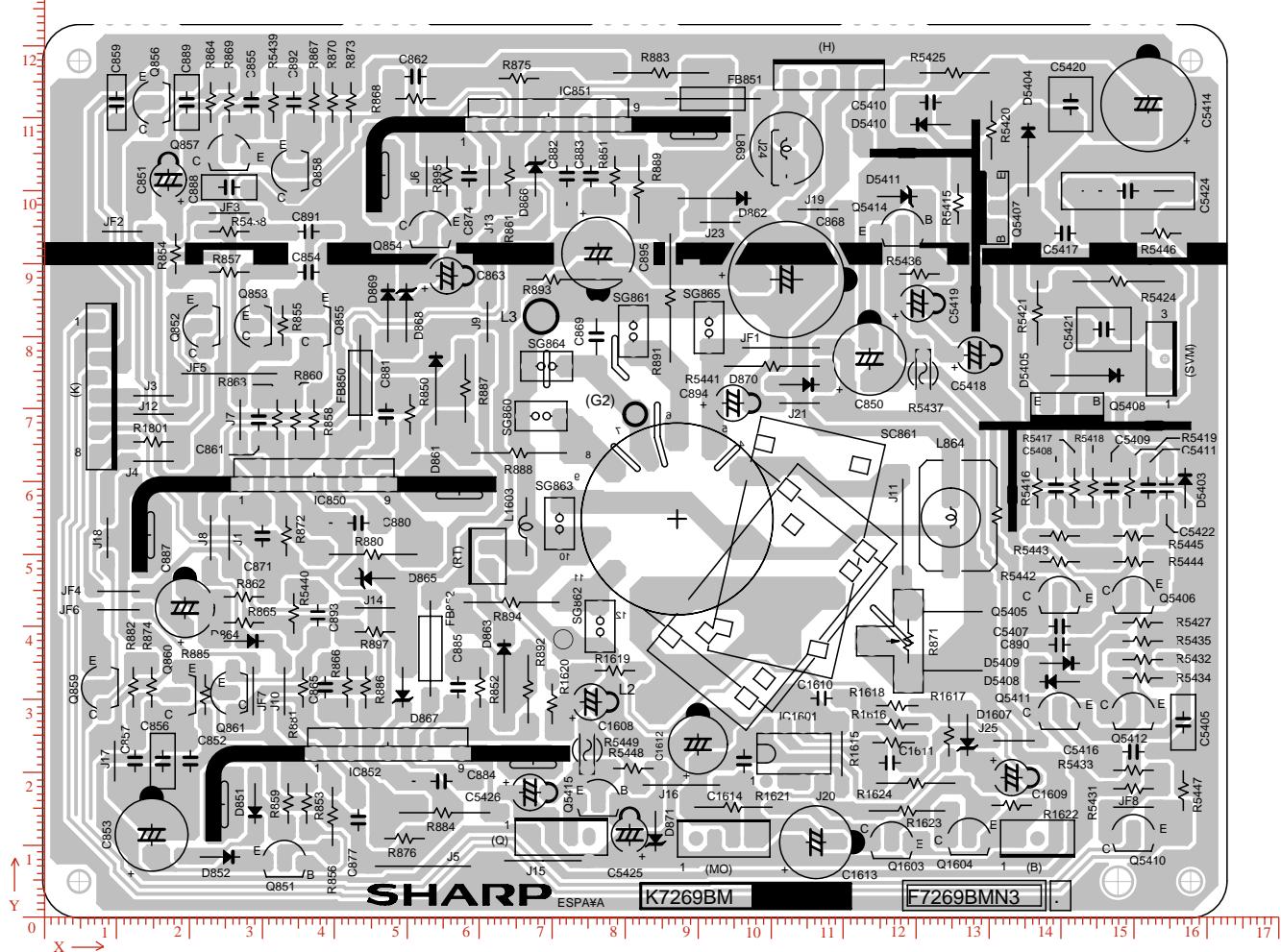
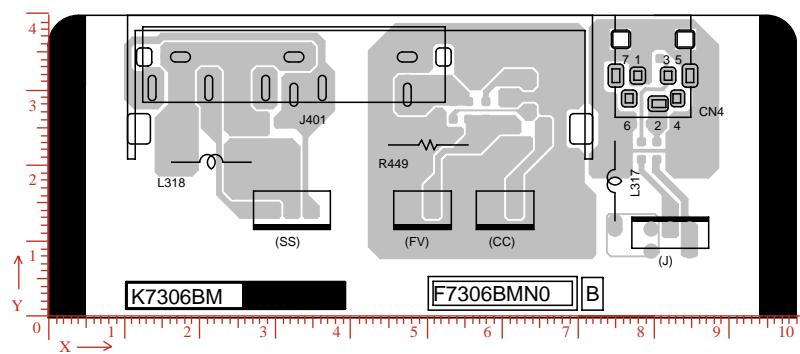
QKITP7293BMN5



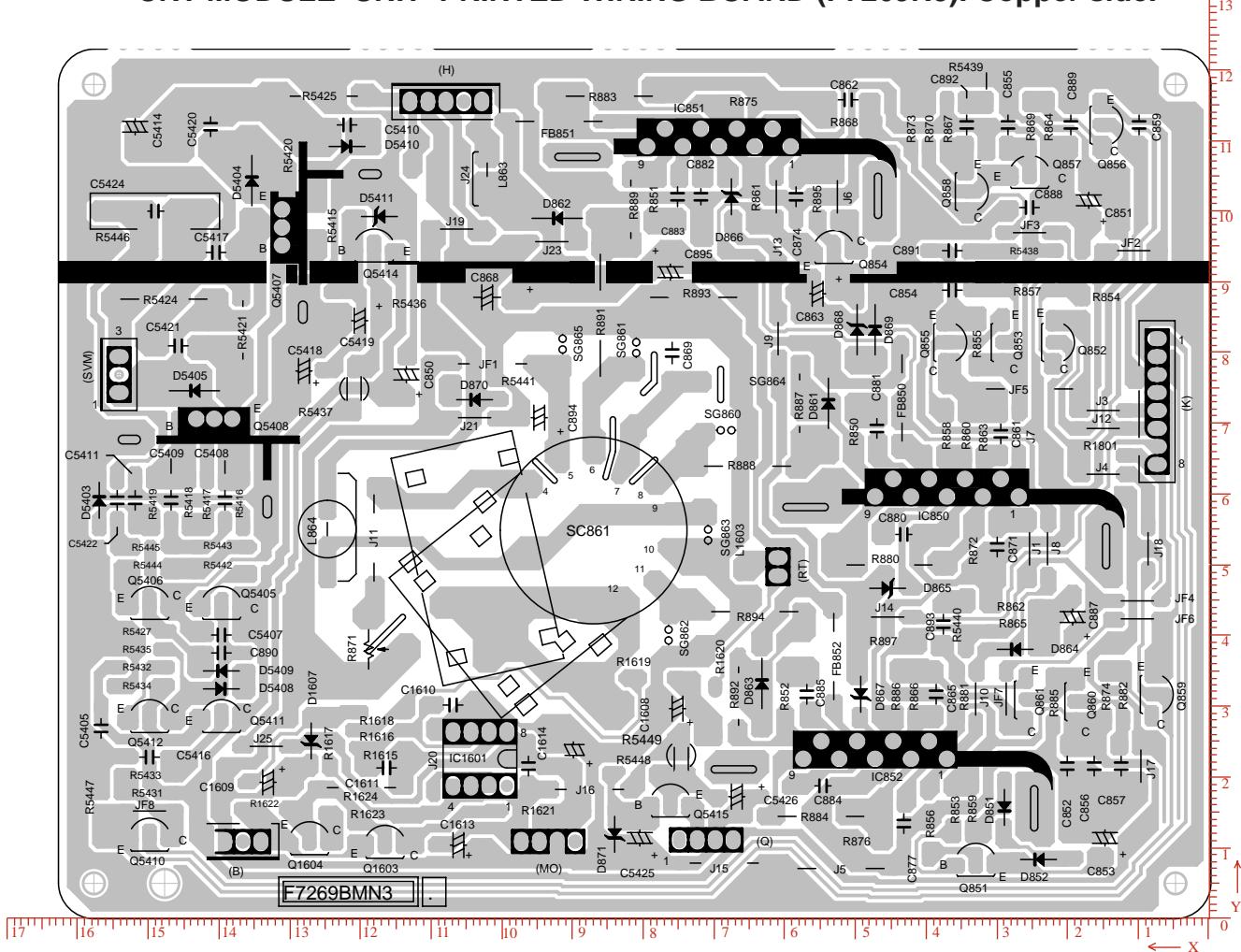
MOTHER UNIT PRINTED WIRING BOARD (F7293N5A). Copper side.



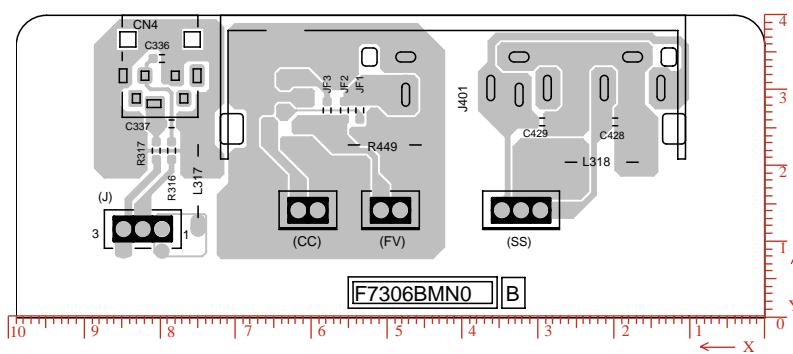
## CRT MODULE UNIT PRINTED WIRING BOARD (F7269N3). Component side.

FRONT A/V UNIT PRINTED WIRING BOARD.  
(F7306N0B). Component side.

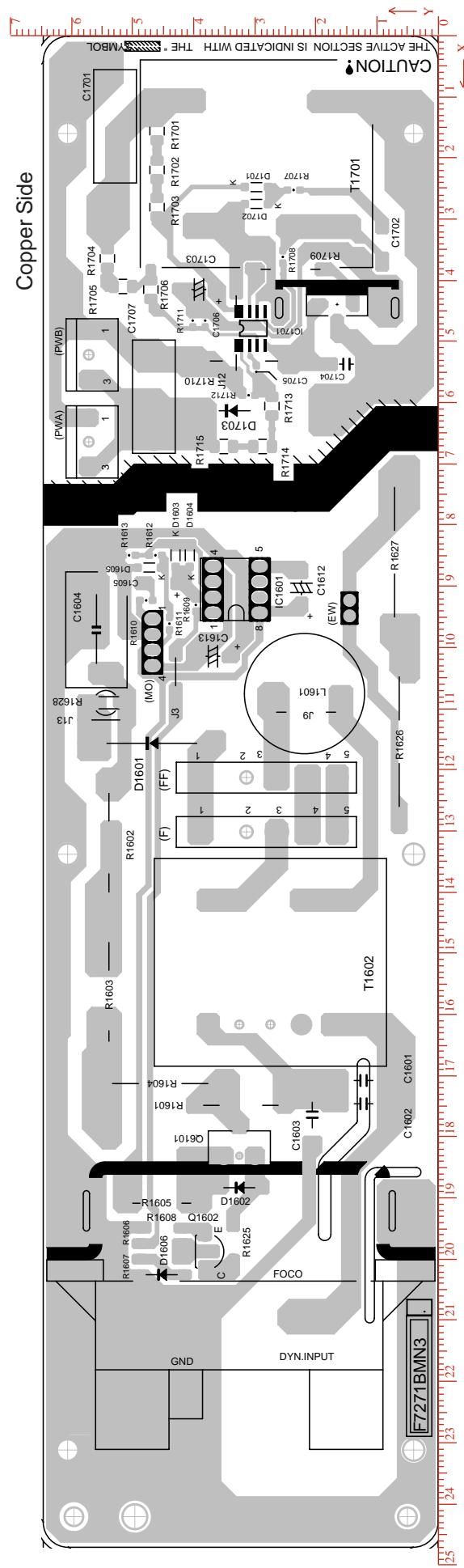
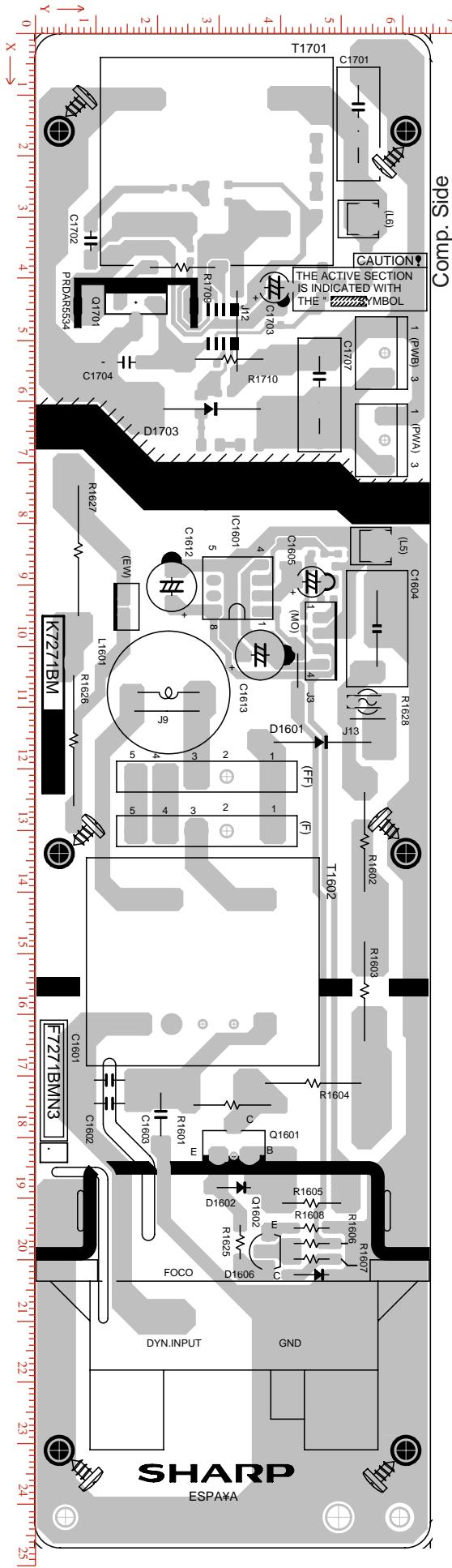
**CRT MODULE UNIT PRINTED WIRING BOARD (F7269N3). Copper side.**



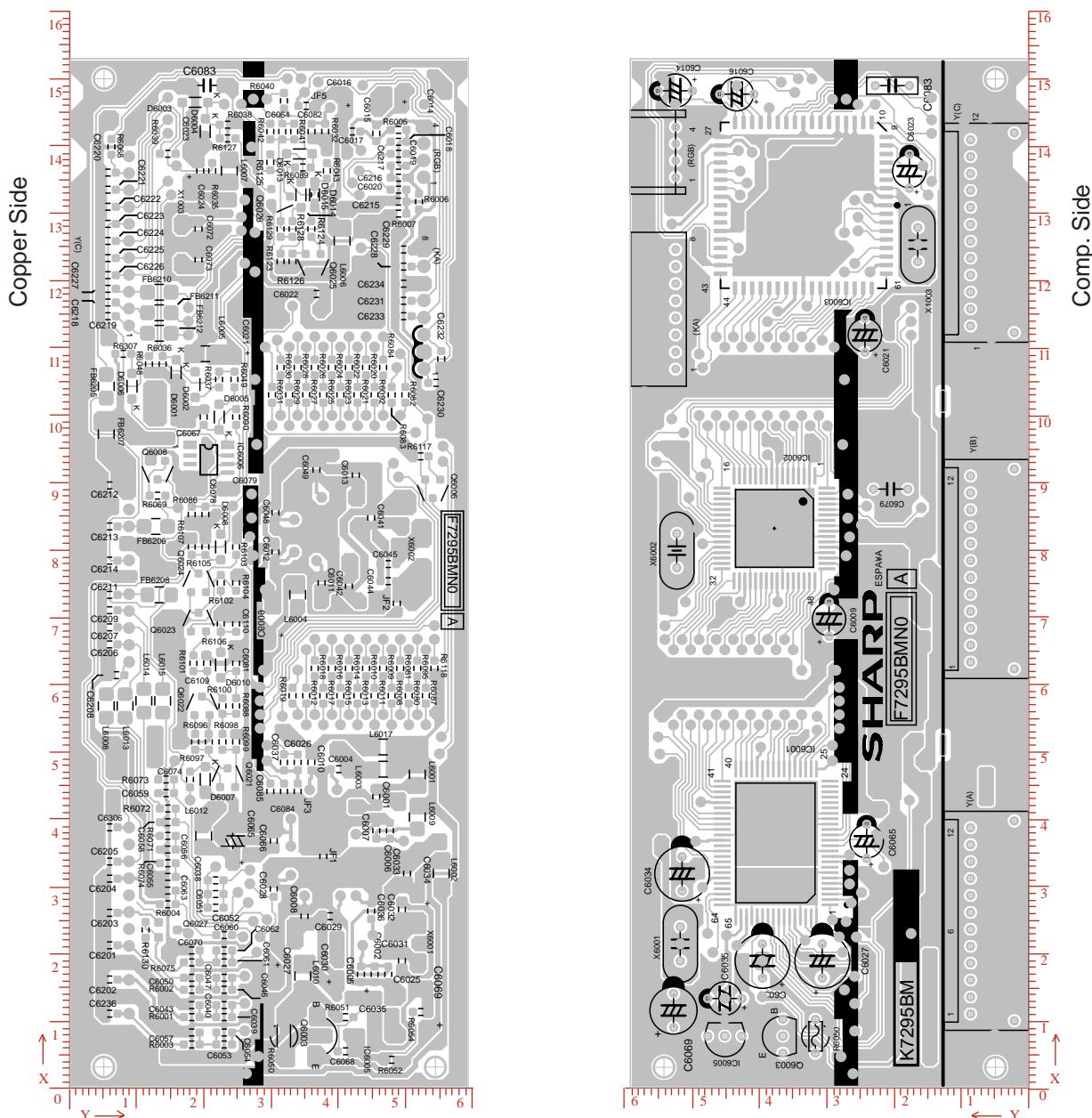
**FRONT A/V UNIT PRINTED WIRING BOARD.  
(F7306N0B). Copper side.**



**DYNAMIC FOCUS UNIT PRINTED WIRING BOARDS (F7271N3).**



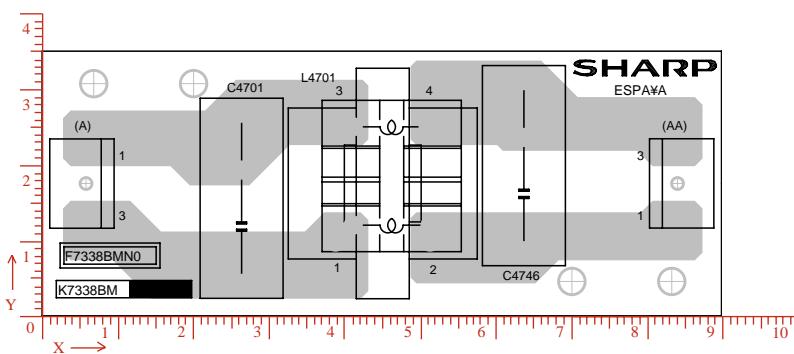
## DIGITAL MODULE UNIT PRINTED WIRING BOARDS (F7295NOA).



## LINE FILTER UNIT (F7338N0).

## PRINTED WIRING BOARD.

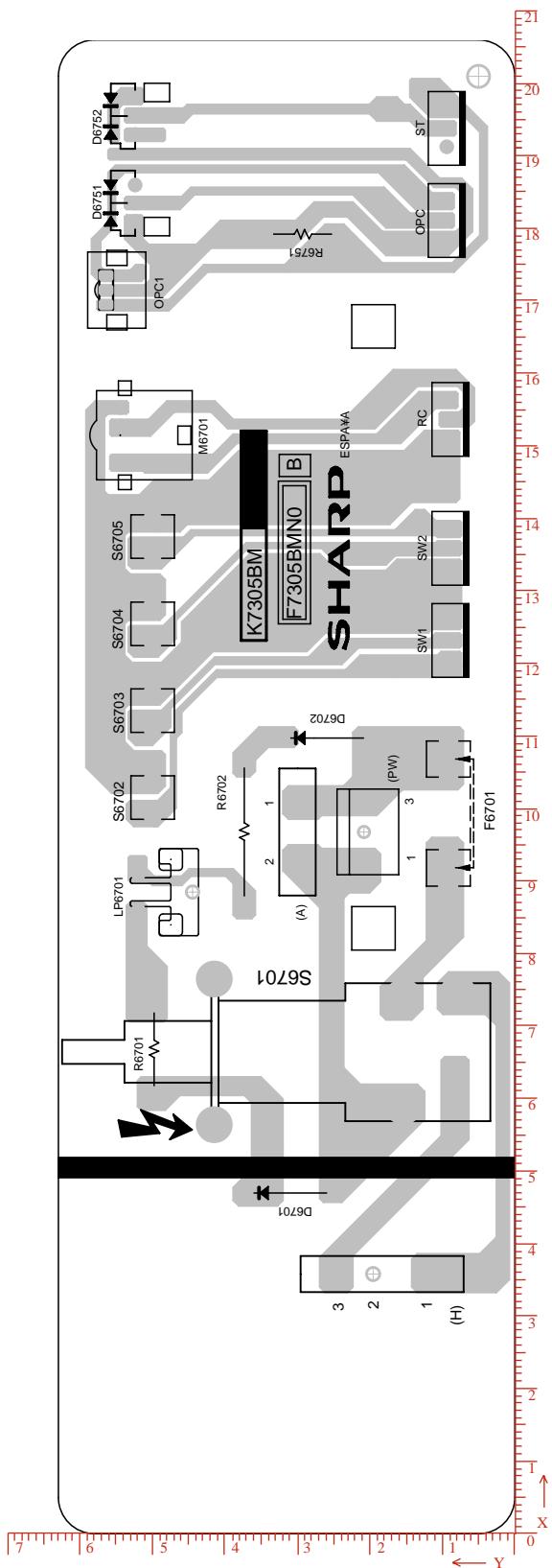
## LOCATION PARTS TABLE.



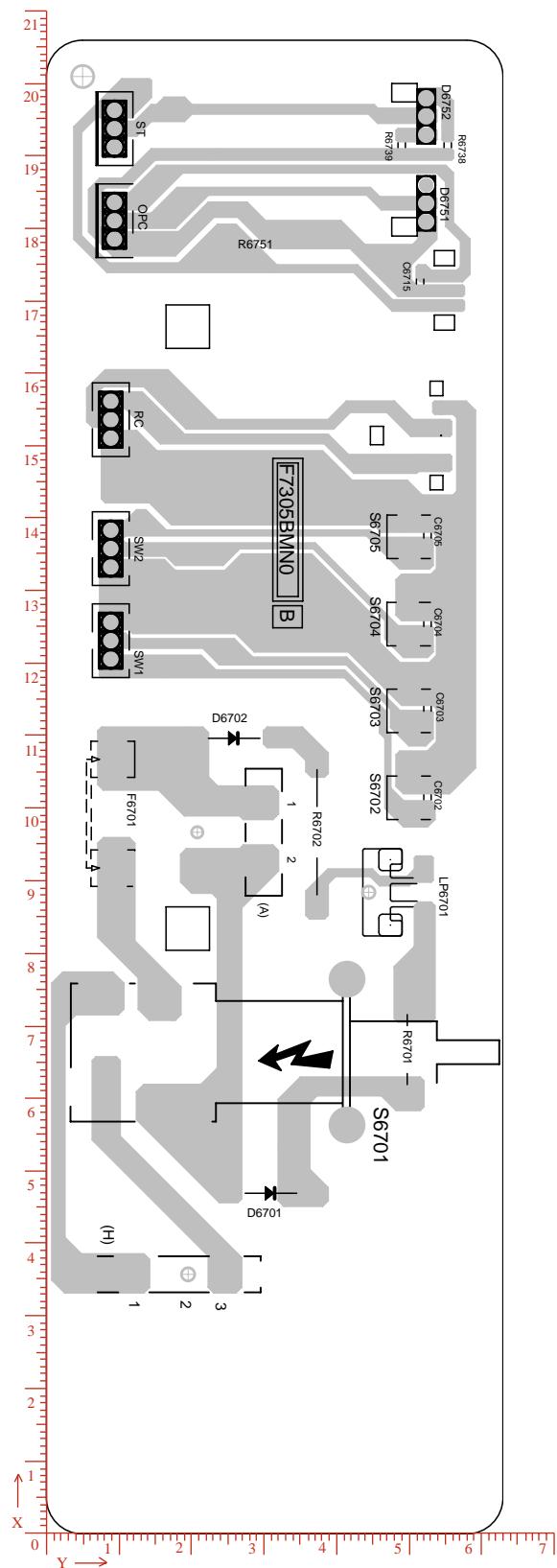
Ref No	Xum	Yum
(A)	5816	17500
(AA)	84048	17500
C4701	26390	11785
C4746	63728	16103
L4701	46253	18491
L4701A	45059	17500

## POWER SWITCH UNIT PRINTED WIRING BOARDSM (F7305N0B).

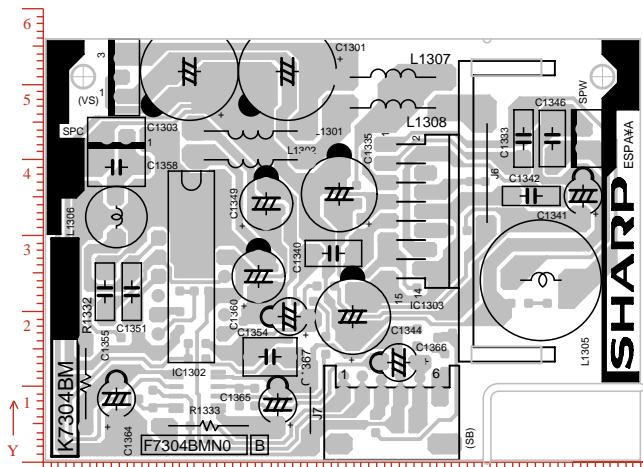
Component side.



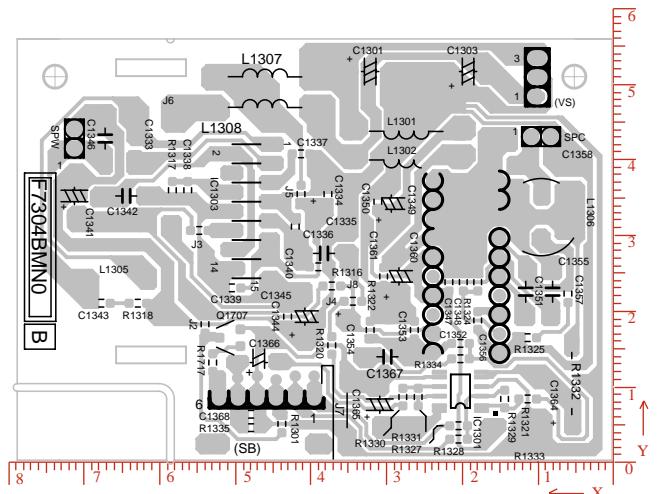
Copper side.



## AUDIO AMPLIFIER UNIT PRINTED WIRING BOARDS (F7304N0B).



## **Component side.**



## Copper side.

## AUDIO AMPLIFIER UNIT (F7304N0B) PWB PARTS LOCATION TABLES.

## **Component Side.**

Ref No	Xum	Yum
(SB)	45720	8636
(VS)	9906	50800
C1301	32004	51562
C1303	19050	51562
C1333	63246	42672
C1335	38862	35306
C1340	38100	27432
C1341	71120	35052
C1342	64262	35052
C1344	40640	19050
C1346	67056	42672
C1349	29210	34036
C1351	11430	22352
C1354	32258	19050
C1355	7874	22352
C1358	9398	38862
C1360	28194	24384
C1364	9398	8128
C1365	30734	7366
C1366	46736	12954
C1367	29718	13716
IC1302	19304	25654
IC1303	55626	33020
J6	58420	38100
J7	35052	6604
L1301	27178	43688
L1302	27178	39878
L1305	65531	23876
L1306	9398	32258
L1307	45974	50800
L1308	45974	46736
NS1AA	77978	11938
NS4	45974	-3048
R1332	5334	10160
R1333	21590	4572
SPC	9398	42926
SPW	71120	42672

## Copper side.

Ref No	Xum	Yum
C1334	37592	35306
C1336	41910	30988
C1337	41148	40640
C1338	56134	35814
C1339	50292	22860
C1343	67564	20828
C1345	42926	19050
C1347	21590	23622
C1348	19685	23622
C1350	30988	34290
C1352	20066	15494
C1353	26162	17272
C1356	17780	18542
C1357	5842	22098
C1361	30226	24384
C1368	47752	6096
IC1301	20066	9144
J2	53848	18034
J3	54610	30480
J4	34290	21082
J5	41148	35306
J8	37084	23114
Q1707	50546	16256
R1301	43688	4826
R1316	38862	25654
R1317	58166	35814
R1318	62738	20828
R1320	37084	15240
R1321	11176	8128
R1322	32004	17272
R1324	17780	23622
R1325	11176	16256
R1327	20320	4572
R1328	20320	2794
R1329	14224	8128
R1330	27686	8382
R1331	25654	8382
R1334	20066	13462
R1335	47752	4318
R1717	52832	12954

**MOTHER UNIT (F7293N5A) PWB PARTS LOCATION TABLES.**  
**Component Side.**

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
(A)	19558	182118	C314	283972	113030	C644	178816	91440	D712	25908	136906	J137	183388	122428
(AA)	20066	207010	C315	289560	116840	C648	78740	22352	D714	117856	142494	J138	194056	127000
(AV)	166649	12496	C322	290322	109982	C651	113284	60706	D716	65887	153670	J139	198628	132588
(AV.)	142494	34620	C323	294386	109982	C652	104648	42164	D718	96012	160274	J14	230124	210058
(CC)	227076	223774	C324	299974	109220	C701	37338	215138	D719	97536	139954	J140	235966	132080
(CV1)	277114	26670	C325	304038	109220	C702	62738	189484	D720	110490	120904	J141	236982	128524
(CW)	8636	157734	C326	301752	116586	C703	10922	172212	D722	100838	121412	J142	236982	126238
(EW)	121920	22860	C329	307848	114046	C704	48768	170942	D731	8636	213614	J143	236982	123952
(F)	104902	72898	C332	299974	144526	C705	24892	122428	D734	27940	214376	J144	236982	121666
(FV)	264668	36322	C341	234696	218440	C706	76454	223520	D735	118872	124714	J145	268986	127762
(FV.)	204216	222504	C342	258572	114554	C707	98806	230632	D803	188976	61722	J146	281432	126492
(G)	63754	194310	C343	264668	114808	C710	33782	158496	F701	35306	192024	J147	283972	126492
(G2)	181864	167894	C351	273812	220980	C711	45466	145796	FB1	35306	52832	J150	205740	107696
(H)	143764	109728	C352	267716	220472	C713	35814	146304	FB1002	117602	227076	J151	220980	105156
(H.)	158242	204216	C353	292100	237998	C714	33274	106680	FB301	183642	37338	J152	232410	108204
(HD)	235204	222758	C356	258318	230632	C718	118872	193040	FB302	204978	20574	J153	236982	119380
(K)	222504	71628	C358	272288	230378	C719	123952	210566	FB303	253492	24638	J154	236982	117094
(K.)	130048	180848	C361	314198	228854	C720	124206	111506	FB501	148590	125730	J155	236982	114808
(L2)	314960	6858	C362	267716	232156	C721	116332	166624	FB601	110490	58674	J156	236220	111760
(L3)	172466	203708	C363	305054	228600	C723	146304	149606	FB603	104521	86106	J157	289306	98806
(L6)	24892	168656	C365	266954	208280	C724	90678	209296	FB701	10414	107442	J158	245872	104902
(MO)	134874	18542	C368	289306	219456	C739	87376	198120	FB702	50038	142240	J159	248412	105156
(PW)	9652	137414	C370	300228	197358	C745	63754	198628	FB703	93980	124206	J160	257556	103886
(RGB.)	236474	18542	C372	272034	213360	C746	37846	173990	FB704	99822	108712	J161	259842	103886
(RT)	257606	188163	C373	300482	219456	C770	101092	186944	FB705	110490	147828	J162	262127	103886
(S)	319786	221996	C376	316738	212090	C802	205232	72390	IC1002	287020	176530	J163	267462	102870
(SA)	316230	161798	C377	317500	205486	C804	218694	66548	IC1005	286512	157988	J164	269748	100584
(SB)	316230	188976	C378	305816	213614	C812	246634	72390	IC1008	118110	239471	J165	272542	100584
(SC)	258318	128524	C381	258318	235458	C815	226822	97790	IC1801	148082	182118	J166	274828	100584
(SS)	178308	233680	C382	294640	197358	C818	252476	69596	IC203	294640	33528	J167	277622	100584
(STB1)	255473	153466	C415	211074	22606	C820	282194	75946	IC2401	214122	180594	J168	279908	100584
(STB2)	97790	204470	C422	266446	25654	C821	287274	34290	IC2402	214376	197612	J169	297180	109220
(STB3)	244348	143510	C426	278384	19050	C822	258572	69088	IC301	287274	230378	J170	318008	107442
(STB4)	236651	178231	C430	171704	222504	C825	227584	66548	IC302	288544	212852	J171	93218	90170
(VS)	216916	212852	C431	181356	222504	CF202	313944	85090	IC304	246888	227838	J172	131572	93218
AV	249428	33274	C433	256794	33528	CF701	96266	220218	IC305	291338	129794	J173	134112	93218
C1	24892	122428	C437	274828	42926	CN3	232994	241985	IC501	159258	133350	J174	155194	91948
C1001	271272	148082	C501	159766	145796	D1001	130301	229997	IC701	82804	209550	J175	157480	91948
C1027	233426	200152	C504	143002	115824	D1002	142290	229997	IC801	236728	85090	J176	159766	91948
C1031	303784	153416	C509	133350	124714	D1809	173736	189484	J10	96774	216916	J177	162052	91948
C1032	243078	199644	C511	167132	141478	D1813	158496	175514	J100	100838	138684	J178	166624	91948
C1807	142748	199136	C514	174498	69596	D1814	158242	172466	J101	140462	133858	J179	171704	91948
C1811	157480	190500	C520	179832	107188	D1815	158242	179070	J106	203962	144018	J180	178308	97282
C1812	167640	182880	C524	176784	141478	D510	186944	104394	J113	216916	128524	J183	186690	91440
C1814	188976	166116	C526	154686	76581	D516	120396	23368	J114	219202	128524	J185	191262	91440
C1823	134366	199136	C528	133604	46736	D603	98806	58674	J115	221488	128524	J187	205740	105156
C1824	155956	182880	C536	178816	148590	D604	103378	42164	J116	233172	145796	J189	312166	98044
C1825	157988	198374	C601	100330	49784	D605	99314	59944	J117	242316	193548	J190	182372	83566
C1826	169672	198374	C607	73914	91440	D606	125984	93218	J118	235966	136144	J191	211836	89154
C204	317246	45720	C610	121920	53340	D608	66802	30226	J119	235966	134112	J192	211836	86614
C205	317500	51562	C611	102616	33274	D609	91440	11938	J12	230124	214630	J193	211836	84074
C206	307340	81026	C611A	100330	35052	D610	140208	92964	J120	257810	138938	J194	211836	81534
C209	317500	39116	C613	147066	68072	D611	99568	104394	J121	255778	144526	J198	238506	83312
C210	313436	107696	C615	168656	79502	D612	88646	90932	J122	255778	142240	J199	248920	83312
C211	301752	82042	C616	141224	129286	D613	128016	60706	J125	264922	129032	J200	257810	88900
C215	292608	24638	C618	81280	33274	D621	102616	95504	J127	272796	129794	J201	257810	84328
C218	293624	9906	C619	139192	51054	D622	188976	91694	J128	307340	129794	J202	276098	87884
C219	314452	79502	C620	137414	58928	D623	166878	63754	J129	314198	129794	J203	276098	83312
C220	292608	84328	C631	118618	81026	D701	13462	175514	J13	230124	212344	J206	289306	93980
C228	310896	61722	C632	100076	6604	D702	14478	167640	J130	318262	131063	J207	77978	71374
C229	291338	51816	C634	78486	45974	D703	48006	162560	J131	320802	131063	J208	139446	80010
C305	255016	120904	C637	69850	30226	D704	37592	166878	J133	118364	128270	J209	139446	77470
C306	249174	120142	C638	94234	9652	D707	62738	185166	J134	118364	121412	J210	139446	74930
C311	272034	114554	C641	87122	33274	D708	64770	198628	J136	182880	124968	J211	166116	73406
C313	279146	116078	C642	84582	39370	D711	54610	142240	J137	183388	122428	J33	114300	183896

**MOTHER UNIT (F7293N5A) PWB PARTS LOCATION TABLES.**  
**Component Side.**

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
J331	257048	42164	JF32	203962	129286	L502	150876	140716	R424	237998	24638
J337	261873	152908	JF33	206502	129286	L503	169164	91948	R425	237998	27432
J343	222504	59182	JF34	209042	129286	L603	123698	33782	R426	220980	24638
J344	64516	232664	JF35	211582	129286	L603A	123698	33782	R436	271018	19304
J347	227838	36576	JF40	180848	115316	L604	81788	13208	R451	202946	37846
J348	225298	36576	JF48	128016	124460	L604A	80772	12700	R455	188976	50546
J349	222758	36576	JF50	89916	23114	L605	100076	18796	R464	257048	44704
J358	157988	55118	JF51	102870	26670	L606	105918	86106	R501	176022	100838
J359	171958	131826	JF53	53594	211836	L609	82296	82042	R503	153924	115824
J362	157734	200914	JF54	66802	211836	L609A	69088	72390	R508	182880	130048
J363	142494	205486	JF55	113792	93218	L611	59436	13462	R518	160782	103124
J39	242316	195834	JF56	87884	75692	L612	117094	12192	R519	182372	81026
J4	84074	215138	JF57	84328	73152	L701	60172	211658	R526	186944	136652
J40	243840	191262	JF6	297942	89154	L701A1	59182	212852	R530	184150	91440
J41	243840	188976	JF61	31242	237236	L702	48768	184912	R533	164338	91948
J42	243840	184404	JF63	136906	193040	L703	41656	188468	R534	182880	127508
J43	260857	192532	JF64	136906	190754	L705	122936	148082	R536	136652	34798
J44	266192	191770	JF65	139192	180086	L801	204978	66548	R541	205740	110236
J45	268478	191770	JF66	133350	162052	L803	218440	105156	R550	189484	136652
J46	270764	191770	JF8	68580	6350	LP701	38506	235991	R553	142494	121920
J47	288544	192278	JF9	68580	8890	M1000	98501	240461	R563	168148	105156
J48	280924	192278	JL1	141224	19812	MODUL	215392	48768	R603	148336	91948
J49	283464	192278	JL1.	237998	197612	POR701	62738	179578	R606	79248	99314
J5	117602	225806	JL10	292608	145796	Q2	71120	56134	R608	145796	91948
J50	286004	192278	JL10.	201676	77216	Q502	192532	107696	R609	136906	82804
J6	120142	225806	JL11	209804	154940	Q601	71120	56134	R610	128778	45974
J60	217170	175006	JL11.	250291	157911	Q602	97282	100330	R611	118364	16510
J61	230632	167894	JL11..	236880	160274	Q605	90170	79248	R611A	117602	15748
J62	232664	171704	JL12	215900	33274	Q701	45720	128016	R612	84074	75692
J63	280162	177546	JL12,	262382	68072	Q701A1	45720	128016	R613	131063	60198
J64	296418	176530	JL12.,	268224	68072	Q711	151384	220726	R614	72644	23876
J67	66548	162814	JL12.	277876	57404	Q912	129794	199644	R616	151130	92710
J68	66548	160274	JL14	247142	64262	R1008	219456	145034	R617	82042	94234
J69	92202	163322	JL14.	150622	37084	R1018	261873	150368	R618	205232	113538
J71	214630	160528	JL17	130555	119634	R1019	257810	133858	R619	125476	131826
J72	230632	163322	JL17.	190754	114808	R1020	257810	136398	R620	224282	144272
J74	231394	160274	JL18	255574	162585	R1022	261873	147320	R623	122428	93218
J75	230632	165608	JL19	319786	11176	R1027	232664	204216	R628	141986	104140
J78	267970	162814	JL2	265684	185674	R1036	129794	220980	R641	129032	93218
J79	270510	162814	JL2.	168656	60198	R1047	275590	191770	R643	135890	117348
J8	235712	227330	JL2..	234950	62484	R1050	278130	191770	R651	69850	17018
J80	273050	162814	JL26	256540	60706	R1055	273050	191770	R703	20574	234950
J81	275590	162814	JL27	245110	59436	R1058	248920	132334	R713	14224	107950
J82	278130	162814	JL28	258064	62484	R1059	251460	132029	R714	36576	105918
J83	306070	179324	JL31	179705	59436	R1801	132080	169418	R715	21590	157480
J85	136398	144526	JL31.	175514	86614	R1831	158242	166116	R716	25908	139446
J86	139192	144526	JL6	262890	224790	R1832	168402	170180	R721	20574	229870
J87	183134	145542	JL6.	271018	141732	R1833	158242	169164	R723	66548	157226
J88	203962	146558	JL7	239268	163068	R1834	173482	170180	R727	133858	144526
J9	235712	225044	JL7.	201168	63754	R1835	158242	163068	R728	114808	176784
J90	221996	145034	L1801	167386	191262	R1836	191008	158750	R730	23622	103378
J91	217170	145034	L201	313944	88900	R229	224028	124460	R741	75184	167132
J92	233426	155194	L203	289179	16764	R230	232664	104902	R742	96520	174244
J93	237236	148082	L2401	203962	152400	R231	289306	42418	R763	65024	171450
J94	233172	141224	L2402	203962	149353	R232	316738	25908	R770	74422	191770
J95	233426	157734	L301	288036	142240	R233	316738	23368	R771	81280	184912
J99	114808	179832	L315	253746	210566	R234	313944	14478	R778	20574	240030
JF1	82042	85090	L316	253746	205486	R306	308610	148590	R790	78486	230124
JF10	135636	77470	L317	265938	240792	R307	311150	148590	R791	78486	232664
JF14	289229	96266	L318	192786	223012	R315	241808	215138	R792	96774	224536
JF19	309118	98044	L350	257556	219456	R359	310642	210058	R814	229768	59436
JF28	131318	143510	L351	257556	215392	R408	157226	40386	R815	203200	59690
JF29	54102	174752	L352	303530	237744	R418	240792	34036	REF10	53695	-4166
JF31	214630	145034	L501	163322	116586	R420	230378	36576	REF4	238252	166878

**MOTHER UNIT (F7293N5A) PWB PARTS LOCATION TABLES.**  
**Copper Side.**

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
C1002	275590	143510	C330	309626	124206	C503	163068	126746	D1006	224282	112522	D706	83058	212852
C1005	262890	163626	C331	309880	135890	C505	157226	126492	D1007	253492	109728	D710	93726	211582
C1014	304800	173482	C333	311912	124206	C506	156718	131572	D1008	251206	109728	D713	36068	139700
C1015	120396	235966	C334	313690	118110	C507	165608	132080	D1009	264795	156006	D715	64008	121412
C1017	214376	151638	C335	318516	118110	C508	158242	123952	D1010	286512	161544	D721	138684	144526
C1018	253746	192532	C336	232410	237998	C510	152908	132842	D1011	249986	153466	D724	155702	233172
C1019	242062	150876	C337	234188	237998	C512	193040	102108	D1804	137160	197104	D725	157734	224536
C1020	242062	152908	C338	250444	236982	C513	157988	117856	D1805	132334	200914	D726	83566	132334
C1021	237286	175056	C339	250444	227076	C515	167132	53594	D1810	132080	164846	D727	70866	131826
C1022	243840	156718	C340	235712	220726	C516	157988	74168	D1811	151384	186944	D728	72898	165354
C1023	218694	81280	C350	289814	228600	C517	158648	70866	D1812	145542	198882	D729	82296	183134
C1024	223774	82296	C354	284734	231140	C518	147320	65531	D203	308102	12192	D730	35814	147828
C1025	219456	84582	C357	265684	234188	C521	172212	112776	D204	314960	56134	D732	82296	200914
C1026	264160	158953	C359	277114	236855	C522	156718	135382	D205	317246	99314	D733	87376	198628
C1028	291922	160477	C360	297942	239268	C523	189738	128016	D2401	215138	181864	D801	259842	87122
C1029	291846	173482	C364	306070	228600	C525	155752	72034	D2402	210820	173482	D802	257302	87122
C1030	289052	43434	C366	266954	208534	C527	150876	74676	D2403	210820	168910	D804	207264	65531
C1033	262890	165531	C367	290830	211074	C529	165608	58674	D2404	210820	171196	FB1001	242062	146558
C1034	242138	179806	C369	289560	214122	C530	155956	82804	D301	310388	201422	FB801	237490	65531
C1801	134366	165862	C371	277622	211582	C531	171196	79502	D302	261873	120396	FB802	246126	80264
C1805	140208	196850	C374	281432	213868	C532	169418	118364	D303	270256	115062	IC1001	250190	172212
C1806	142748	199136	C375	306578	220980	C535	174193	46786	D304	259588	120396	IC1003	275844	148844
C1813	165100	203200	C379	304038	212852	C541	255016	97790	D305	257302	118872	IC1004	298958	153162
C1815	139446	191770	C380	281686	137414	C542	213868	97536	D401	149860	30480	IC1006	291338	150876
C1820	135382	188468	C383	266954	132842	C636	183896	119126	D402	157226	32765	IC1007	283464	148844
C1821	135128	177038	C386	250444	223774	C639	96012	81026	D403	152908	236222	IC201	307340	70104
C1822	136144	165862	C387	250444	233680	C640	92456	77216	D404	147066	18796	IC202	302768	97282
C1827	137922	202184	C401	176022	25908	C643	217932	167640	D405	215392	20066	IC401	273558	32258
C203	317754	63754	C402	179070	29972	C645	155448	63754	D406	221742	23368	IC502	163576	116332
C207	303530	59436	C403	184150	36576	C646	154686	58928	D407	241300	22860	IC503	161544	79502
C208	304546	56388	C404	189992	35052	C712	44958	118618	D408	235458	22860	IC702	85344	222504
C212	299974	45974	C405	180086	36576	C715	36576	104394	D409	229870	25146	IC703	106426	200914
C213	299974	50292	C406	185674	29210	C716	66294	125476	D410	223774	18288	IC704	106426	211328
C214	302514	38100	C408	159004	18542	C717	68326	120904	D411	232664	13462	IC705	77470	123698
C216	306832	27686	C409	180086	13716	C722	113284	141224	D412	206756	37592	IC707	113030	156972
C217	306832	21336	C410	177800	18288	C725	64516	233934	D413	204216	37592	IC708	74422	173228
C221	315468	59690	C411	189230	21590	C728	81788	205486	D414	197104	24130	J126	267716	141986
C222	307594	59436	C412	188214	17272	C730	49784	235966	D415	166624	25908	J132	69342	124206
C223	300736	8382	C413	192532	22606	C731	60452	236220	D416	197866	17780	J2	258064	236474
C224	297434	7366	C414	186182	17272	C732	72644	236220	D417	220472	12192	J218	234950	71374
C225	296926	13716	C416	250952	13462	C733	83312	235712	D418	278892	40132	J219	236982	71374
C226	314452	95504	C417	258064	16764	C735	118618	144018	D419	280924	34036	J220	234950	65786
C227	316230	95504	C418	248920	18288	C737	73660	167132	D420	162306	13208	J240	244094	68580
C230	289052	55118	C419	256286	16764	C738	33274	149606	D421	153416	13208	J279	308356	9906
C231	316992	77089	C420	256286	25146	C740	118872	169672	D422	168656	32004	J281	160274	133858
C2401	217932	165862	C421	249174	25146	C741	120396	144018	D423	189738	27686	J283	293878	179578
C2402	217932	163830	C427	270256	43434	C742	124968	149860	D424	189738	29972	J286	290830	100076
C2403	215138	185420	C428	171196	228600	C743	106172	150114	D425	176022	32004	J289	296926	55118
C2404	219202	176022	C429	177800	229870	C801	213614	77470	D502	139446	56642	J294	236982	128778
C2405	210058	181864	C432	265176	34036	C803	221742	78486	D503	138938	61214	J302	234746	172720
C2406	215138	176530	C434	220726	46482	C807	230124	63754	D504	139446	54356	J310	234696	156718
C2407	217170	185420	C435	224282	45720	C808	233172	65786	D506	150622	70866	J313	104394	239522
C2408	211074	208026	C436	226822	45720	C809	228092	87884	D507	187960	103124	J324	247904	69088
C2409	213106	116586	C438	260349	36576	C811	252730	77978	D508	188214	112522	J325	247904	67310
C309	268224	137668	C439	278384	46482	C813	243078	80264	D509	132588	119126	J332	209296	72136
C310	268224	135890	C440	277114	50800	C814	240792	80264	D515	152654	70866	J335	238760	128778
C312	274828	123698	C441	272542	50800	C816	237490	96774	D601	175006	75438	J336	246888	155448
C316	278130	122682	C442	159766	50800	C817	252222	70104	D614	77216	100838	J338	257175	143941
C317	287020	124460	C443	280924	23622	C819	279908	44450	D615	221996	105156	J339	255270	143941
C318	289306	124460	C444	239776	29210	C823	224282	105918	D617	226060	101346	J340	93472	200152
C319	250444	230378	C445	236220	30226	C824	207010	74676	D618	219456	151892	J341	319278	185420
C320	250444	225425	C446	220726	27940	C826	215646	62992	D619	103632	83566	J342	319278	183388
C321	288290	141732	C447	247396	62484	D1003	236474	132080	D620	97028	83058	J345	209296	229108
C327	299720	124206	C451	229362	221488	D1004	269240	151638	D624	29718	73660	J350	234188	217678
C328	305054	124206	C502	162814	133858	D1005	303784	159258	D625	74676	12446	J351	319532	193040

**MOTHER UNIT (F7293N5A) PWB PARTS LOCATION TABLES.**  
**Copper Side.**

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
Q606	183896	122174	R203	256032	37084	R317	235458	227584	R457	170180	25654	R634	103378	94234
Q607	275336	180848	R204	306578	87630	R318	276606	111252	R458	285750	21844	R642	131318	107442
Q608	218948	157226	R205	315722	82804	R319	261619	116586	R459	279908	18542	R644	217932	169418
Q702	27432	138684	R208	290322	95758	R320	265176	114554	R460	204978	20574	R646	156464	58928
Q703	28448	144780	R209	290322	97536	R321	302006	106426	R461	285750	25908	R647	158496	63246
Q708	68580	229362	R210	318516	95504	R322	306070	106172	R462	214630	14732	R648	159512	61468
Q709	74168	206248	R211	297688	100838	R323	292354	106680	R463	254000	40132	R706	105410	145542
Q710	154686	227838	R215	320802	95504	R350	255016	216662	R465	279146	38100	R707	116332	169672
Q712	150368	227584	R216	316992	51816	R351	257556	227838	R466	282702	23622	R708	77978	206248
Q714	91186	231394	R217	311404	81788	R352	280416	232156	R467	278892	40386	R711	95250	203708
Q715	81280	191008	R218	315976	15748	R353	292354	240538	R468	287274	39116	R712	93980	206756
Q717	90424	189992	R219	309372	38608	R354	254254	212090	R469	251206	32512	R717	39370	129032
Q801	213868	100838	R220	310388	52832	R355	256540	212090	R470	256540	66548	R718	22606	106680
Q802	234442	54356	R225	295910	45720	R356	284988	214376	R502	165862	107950	R719	33274	142748
Q803	236474	59182	R226	294894	55118	R357	310388	217678	R504	182626	110744	R720	27432	135636
Q804	218948	62484	R227	299974	52070	R358	318770	208280	R505	190246	109220	R722	66040	120904
Q805	212344	62738	R228	299974	48514	R360	308356	204724	R506	187706	105664	R724	84582	156972
Q901	134620	172212	R235	308356	17526	R361	319278	203454	R507	193040	98552	R732	81788	207264
Q902	143764	165862	R236	308356	14224	R362	257556	221742	R509	159766	145542	R733	75946	217932
Q903	147574	160528	R237	304800	83312	R363	257556	219964	R510	163068	124968	R735	72136	225806
Q904	135382	183642	R238	304800	87630	R372	297942	194818	R511	163068	123190	R736	75184	210566
Q905	139954	174498	R239	237236	111506	R373	251206	211328	R512	167132	110998	R737	61468	232664
Q906	141478	170434	R240	313944	48514	R374	271780	213614	R513	157988	119634	R738	67564	232664
Q907	133604	191770	R2401	219202	185420	R375	269494	232410	R514	193294	128016	R739	75692	212852
Q908	139446	188722	R2402	211836	164592	R376	280416	142494	R515	175006	125476	R740	83058	214884
Q909	140462	182372	R2403	217170	113538	R377	261873	233172	R516	167894	107950	R743	122936	172466
Q913	146558	198374	R2404	211328	116586	R378	297434	199898	R517	193040	100330	R744	97028	161036
R1003	229616	212598	R2405	210058	179832	R401	147320	26670	R520	154940	75692	R745	87884	153670
R1026	240030	198755	R2406	211836	162814	R402	159258	36322	R521	178308	72644	R746	87884	151892
R1043	261823	188391	R2407	229870	143510	R403	172974	30480	R522	169164	53594	R747	129032	149098
R1044	296164	160020	R2408	219202	180594	R404	182118	36576	R524	150622	65531	R748	118364	164338
R1045	268986	180848	R2409	210058	157734	R405	189992	33274	R525	143510	61214	R749	84582	129032
R1046	262255	167436	R241	300736	10160	R406	186182	36576	R527	148590	71374	R750	94488	158750
R1048	114046	205740	R2410	200914	152146	R407	146812	14478	R528	191516	119126	R751	150622	232410
R1049	263652	184404	R2411	202692	152146	R409	160782	23622	R532	171704	77470	R752	158496	220472
R1051	287020	43434	R2412	204470	152146	R410	210312	34798	R535	174244	120650	R754	152908	224536
R1052	291084	43434	R242	296672	10414	R411	204978	18034	R537	155956	79756	R755	150622	230632
R1053	255270	189484	R243	287020	12446	R412	175768	13716	R538	154178	79756	R758	157734	229616
R1054	231648	147574	R244	287020	14224	R413	182626	23114	R539	143510	115062	R762	71120	137922
R1056	303784	163144	R245	291338	40386	R414	185166	13716	R540	157226	102108	R765	82042	138430
R1057	257810	184353	R246	319278	56896	R415	189230	23622	R542	246380	87884	R766	82042	144780
R1060	233426	189230	R247	310642	77470	R416	212090	34798	R544	168402	123190	R767	93218	235966
R1061	218440	146304	R248	283464	9652	R417	216408	14732	R545	169164	113030	R768	70358	150368
R1802	138176	165862	R249	318262	48514	R421	223774	26924	R547	192532	115062	R769	58166	183134
R1803	141172	162560	R251	281686	9652	R422	236474	26162	R548	191516	128016	R774	72898	180848
R1804	139954	165862	R252	287020	6350	R423	239268	26162	R549	169164	114808	R775	80264	180086
R1805	143002	159512	R253	290322	93980	R427	229616	18288	R551	171196	118364	R776	92456	193294
R1806	146558	184404	R254	294386	49276	R428	246634	13462	R552	168656	56896	R777	77978	202184
R1807	139700	177800	R255	291338	51562	R429	256032	13462	R554	186436	142748	R787	71882	229362
R1808	138430	170434	R256	296164	49276	R430	254508	25146	R555	146050	69850	R788	86614	231648
R1809	139700	179578	R257	286004	57150	R431	250952	25146	R556	145542	65531	R789	86614	233426
R1810	135128	175260	R258	287274	48006	R432	258064	25146	R557	144272	69850	R801	204470	71882
R1811	150876	191262	R259	313944	88900	R433	252730	25146	R558	141986	65531	R802	228854	69850
R1812	139446	193548	R301	246888	117094	R434	169418	37338	R559	146812	73914	R803	223774	87884
R1813	140208	185420	R302	251460	116840	R435	161036	36322	R560	157734	79756	R804	225806	87884
R1814	136398	192024	R303	251460	121412	R437	267970	45466	R561	162560	110998	R805	230124	87884
R1815	135382	186690	R304	246888	121412	R445	271907	39370	R562	162560	109220	R806	241046	68072
R1816	150876	193040	R308	250444	235331	R447	169418	225806	R601	104140	100838	R807	242570	98552
R1830	132080	195834	R309	241300	231140	R448	181102	223520	R605	136906	100838	R808	219456	105156
R1837	168148	180848	R310	250444	232029	R449	265684	39370	R607	141986	103378	R809	202184	73660
R1839	165100	204978	R311	250444	228727	R450	167386	37338	R615	117094	12446	R810	216916	105156
R1841	139954	201676	R312	244221	219710	R452	201930	38862	R622	244094	87884	R811	231140	54356
R1842	136144	202184	R313	250444	222123	R453	170180	23876	R625	29972	80772	R812	243078	64516
R1843	150876	195072	R314	245110	216662	R454	212598	41402	R626	271145	178866	R813	240030	62484
R1844	146050	195072	R316	235458	225806	R456	200406	42926	R627	24384	79248	R816	211074	59690

## CRT MODULE UNIT PWB (F7269N3) PARTS LOCATION TABLES.

Component Side.

Copper side

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
(B)	136906	10922	C892	34544	112268	JF3	25654	97028	R5432	151384	35560	R893	73152	87884
(MO)	93726	10922	C893	37846	41656	JF4	10414	44958	R5433	150114	20320	R894	64516	43434
(Q)	71374	11176	C894	94996	70866	JF5	25654	74930	R5434	151384	33020	R895	55626	102108
(RT)	61214	49784	C895	76454	91440	JF6	10414	42418	R5435	151384	38100	R897	45720	39370
C1608	75438	29718	D1607	127254	25146	JF7	28956	31242	R5436	120650	88646	REF1	44450	1524
C1609	133350	19304	D5403	157226	59182	JF8	150114	15240	R5437	121158	74930	REF4	8382	-2794
C1610	107188	30226	D5404	135636	104394	L1603	66548	53848	R5438	25654	94488	SC861	87299	54914
C1611	116586	21336	D5405	143764	74676	L5	71628	38354	R5439	31750	112268	SG860	68580	69088
C1612	90170	23876	D5408	139954	32512	L863	102362	105918	R5440	34544	41910	SG861	81280	80772
C1613	106426	10414	D5409	139954	35052	L864	124968	55118	R5441	100330	75946	SG862	76708	40132
C1614	96520	21590	D5410	122174	109220	P5401	154432	76962	R5442	139954	49022	SG863	71120	54279
C5405	156972	26924	D5411	117602	99314	P661	7620	73152	R5443	139954	52578	SG864	69342	75946
C5407	139954	40132	D851	29210	15748	P662	108204	115570	R5444	150114	49022	SG865	91694	81280
C5408	139446	59182	D852	24384	8382	Q1603	116840	10160	R5445	150114	52578			
C5409	147066	59182	D861	54102	72898	Q1604	127508	10668	R5446	153924	94234			
C5410	122174	112268	D862	92456	99060	Q5405	139954	43942	R5447	156972	17526			
C5411	152146	59182	D863	63500	33274	Q5406	150114	43942	R5448	81280	20574			
C5414	152146	112014	D864	27686	38100	Q5407	128905	97790	R5449	74930	23114			
C5416	150114	22860	D865	45720	46736	Q5408	140970	68249	R850	50546	69342			
C5417	140716	94234	D866	67818	102108	Q5410	150114	11176	R851	78740	102108			
C5418	128270	77470	D867	49530	31750	Q5411	139954	27940	R852	60198	31750			
C5419	120396	84582	D868	50038	83312	Q5412	150114	27940	R853	36322	15748			
C5420	141478	112014	D869	47498	83312	Q5414	118364	94488	R854	18288	91440			
C5421	146050	81026	D870	104140	73406	Q5415	76454	16002	R855	33020	81534			
C5422	154686	59182	D871	84328	11938	Q851	33274	7620	R856	39878	13970			
C5424	149352	100076	FB850	43688	73660	Q852	22352	81534	R857	25654	88900			
C5425	80772	11430	FB851	92202	112776	Q853	29464	81534	R858	37338	68580			
C5426	67056	17272	FB852	53340	37084	Q854	53340	94284	R859	33782	15748			
C850	113792	76962	IC1601	103378	22606	Q855	37592	81534	R860	34798	68580			
C851	17272	101600	IC850	37338	60706	Q856	15494	112268	R861	64262	102108			
C852	20320	21590	IC851	69596	110236	Q857	25654	104902	R862	27686	44196			
C853	14986	11430	IC852	47498	23622	Q858	34544	102870	R863	32258	68580			
C854	36576	88900	J1	25654	52324	Q859	8382	31750	R864	23114	112268			
C855	28702	112268	J10	33274	31242	Q860	19050	30734	R865	27686	40640			
C856	16510	21590	J11	118364	53848	Q861	26162	30988	R866	41910	31750			
C857	12700	21590	J12	15240	69342	R1615	117094	24130	R867	37338	112268			
C859	10160	112268	J13	61468	102108	R1616	117602	26670	R868	51308	112776			
C861	29718	68580	J14	45720	42672	R1617	124714	25146	R869	25654	112268			
C862	51308	115824	J15	68834	7874	R1618	117602	29210	R870	39878	112268			
C863	55626	88392	J16	87884	18288	R1619	78740	34036	R871	119126	38100			
C865	38862	31750	J17	9906	21590	R1620	70104	29464	R872	33528	52578			
C868	102362	87884	J18	8890	52324	R1621	94996	15240	R873	42418	112268			
C869	76200	80010	J19	106680	97536	R1622	133350	15494	R874	14986	31750			
C871	30226	52578	J20	109982	22606	R1623	118872	14732	R875	65531	115570			
C874	58674	102108	J21	104140	70866	R1624	120142	18542	R876	49784	10922			
C877	43434	13462	J23	93218	95758	R1801	15240	65531	R880	45466	50038			
C880	43434	54356	J24	102362	104648	R5415	125984	98298	R881	35814	31750			
C881	47244	69342	J25	133604	24384	R5416	136906	59182	R882	12446	31750			
C882	72136	102108	J3	15240	71882	R5417	141986	59182	R883	85090	116332			
C883	75438	102108	J4	15240	62865	R5418	144526	59182	R884	55118	14478			
C884	54864	18796	J5	52324	7112	R5419	149606	59182	R885	22352	30734			
C885	57150	31750	J6	52832	102108	R5420	130555	108458	R886	44450	31750			
C887	19558	42672	J7	27178	68580	R5421	136906	83312	R887	58166	72898			
C888	25654	100584	J8	23114	52324	R5424	148082	87630	R888	65531	64008			
C889	19812	112268	J9	61214	82042	R5425	125476	116332	R889	82042	100330			
C890	139954	37592	JF1	101600	78486	R5427	151384	40640	R891	86360	85344			
C891	36576	94488	JF2	10922	94488	R5431	150114	17780	R892	66802	31496			

No parts.

**FRONT A/V UNIT PWB (F7306N0B)  
PARTS LOCATION TABLES.**

**Component Side. Copper side**

Ref No	Xum	Yum
(CC)	60426	14224
(FV)	49504	14224
(J)	82270	11734
(SS)	32232	14224
CN4	79984	40005
J401	63500	40005
L317	74955	18084
L318	21564	20574
R449	50266	22860

Ref No	Xum	Yum
C336	79730	34290
C337	78460	25654
C428	19786	25908
C429	29438	25908
JF1	53568	27432
JF2	55600	27432
JF3	57886	27432
R316	78460	22098
R317	80492	22098

**DIGITAL MODULE UNIT PWB  
(F7305N0B) PARTS LOCATION TABLES**

**Component Side. Copper side**

Ref No	Xum	Yum
(A)	96774	29972
(H)	35814	19558
(PW)	96774	20828
D6701	46990	30988
D6702	109728	25908
D6751	183515	52400
D6752	195503	52400
F6701	99314	9144
IC6701	151485	58648
IC6708	171500	57962
LP6701	88493	51968
OPC	181102	9398
R6701	66802	49784
R6702	96774	37338
R6751	179222	29286
RC	153670	8890
REF3	121666	22606
S6701	66497	62484
S6702	101498	49987
S6703	113487	49987
S6704	125501	49987
S6705	137490	49987
ST	193802	9398
SW1	123190	8890
SW2	135890	8890

Ref No	Xum	Yum
C6702	101600	52578
C6703	113792	52578
C6704	125476	52578
C6705	137668	52578
C6715	172720	51562
R6738	191516	55372
R6739	191516	49022

**DINAMIC FOCUS UNIT PWB (F7271N3)  
PARTS LOCATION TABLES.**

**Component Side. Copper side**

Ref No	Xum	Yum
(EW)	93472	14478
(F)	130048	38862
(FF)	121158	38862
(L5)	83566	56134
(L6)	30226	54102
(MO)	99060	46736
(PWA)	66294	57150
(PWB)	52070	57150
C1601	170688	12192
C1602	174498	12192
C1603	176276	20574
C1604	97028	55880
C1605	89408	45212
C1612	90170	22352
C1613	101346	36830
C1701	14732	52832
C1702	33782	9144
C1703	41402	39116
C1704	53594	14986
C1707	58928	46482
D1601	115570	46990
D1602	188214	32512
D1606	202438	45212
D1703	61214	28956
FOCO	213995	32512
IC1601	90424	33020
J12	48514	33020
J13	111760	54356
J3	103886	42926
J9	110490	21590
L1601	107442	21844
PRDAR5	40894	16510
Q1601	183007	32512
Q1602	198628	38100
Q1701	43840	16510
R1601	174752	32258
R1602	131826	53848
R1603	156210	53848
R1604	171196	45466
R1605	190754	45212
R1606	197332	45212
R1607	199872	45212
R1608	194818	45212
R1625	197104	33528
R1626	115316	6350
R1627	84328	7112
R1628	108966	54356
R1709	38100	24130
R1710	53086	31750
REF1	236474	16764
T1602	151384	27432
T1701	20828	29718
TOR1	13462	5080
TOR2	132334	6350
TOR3	232664	6096
TOR4	232918	58674
TOR5	131318	59436
TOR6	18542	60198

## DIGITAL MODULE UNIT (F7295N0B) PWB PARTS LOCATION TABLES.

Component Side.

Copper side

Ref No	Xum	Yum
(KA)	115620	52527
(RGB)	138938	52527
C6009	69596	29718
C6014	148082	52578
C6016	147574	43434
C6021	111760	24384
C6023	136144	17780
C6027	18796	30734
C6030	18796	39624
C6034	31750	51562
C6035	13208	45212
C6065	36576	24130
C6069	11430	52832
C6079	88900	20574
C6083	148844	20320
IC6002	83058	37846
IC6003	131063	33528
IC6005	7620	45212
Q6003	7620	36576
R6050	7620	31750
X1003	125222	16510
X6001	21336	51816
X6002	79756	52324
Y(A)	23495	8686
Y(B)	75768	8686
Y(C)	125730	8686

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
C6001	43180	45466	C6085	43942	29718	L6002	31750	55118	R6049	105156	24384
C6002	16764	45212	C6109	62992	20320	L6003	47244	46482	R6051	10414	40894
C6004	47244	39878	C6110	68834	24638	L6004	73152	33782	R6052	4064	47752
C6005	16764	43180	C6201	21082	5842	L6005	108966	20066	R6054	11176	52070
C6006	38100	47498	C6202	16002	5842	L6006	125730	40386	R6068	139700	6096
C6007	38100	45466	C6203	25908	5842	L6007	136144	23622	R6069	87884	12954
C6008	25400	34798	C6204	30988	5842	L6008	56642	5334	R6071	37338	14478
C6010	48260	35814	C6205	33528	5842	L6009	40132	51562	R6072	41402	14478
C6011	74930	37338	C6206	65786	5842	L6010	16510	34544	R6073	45720	14224
C6012	79502	30480	C6207	68326	5842	L6012	37338	19812	R6074	33274	14478
C6013	90932	42418	C6208	61214	6858	L6013	56642	8128	R6075	18542	18034
C6015	141732	45466	C6209	70866	5842	L6014	57404	10922	R6080	58166	50292
C6017	141986	41910	C6211	73152	5842	L6015	57404	13716	R6081	62230	49022
C6018	140462	48768	C6212	89408	5842	L6017	50546	46482	R6082	102870	49784
C6019	138684	48768	C6213	83312	5842	Q6006	88900	53848	R6083	102870	47752
C6020	133350	48768	C6214	78232	5842	Q6008	91694	12954	R6084	106934	46482
C6022	117856	36576	C6215	131572	48768	Q6021	45974	23368	R6086	85090	18034
C6024	136144	19304	C6216	135128	48768	Q6022	56642	19558	R6087	58166	52832
C6025	16764	47244	C6217	136906	48768	Q6023	69088	19050	R6088	56642	24638
C6026	48260	33782	C6218	116586	5588	Q6024	74930	19050	R6089	136652	34544
C6028	29464	30226	C6219	114554	5588	Q6025	122428	36068	R6090	99568	24638
C6029	25400	38608	C6220	135890	5588	Q6026	132334	31242	R6092	102870	45212
C6031	18796	49276	C6221	133350	5588	Q6027	23368	14478	R6095	62230	51562
C6032	26416	49276	C6222	130809	5588	R6001	10414	18034	R6096	51308	20574
C6033	31750	50038	C6223	128270	5588	R6002	14478	18034	R6097	51308	18542
C6036	26162	44704	C6224	125730	5588	R6003	6350	18034	R6098	51308	22606
C6037	48260	31750	C6225	123190	5588	R6004	27178	14478	R6099	51308	24638
C6038	30734	21590	C6226	120650	5588	R6005	142240	48768	R6100	56642	22606
C6039	10414	22860	C6227	118618	5588	R6006	131572	51816	R6101	62992	18288
C6040	12192	22860	C6228	121920	49530	R6007	129794	48768	R6102	74930	22352
C6041	84582	44704	C6229	124460	49530	R6008	58166	47752	R6103	80264	24638
C6042	74422	41402	C6230	104648	54356	R6009	62230	46482	R6104	74930	24638
C6043	12192	18034	C6231	116840	49530	R6010	62230	43942	R6105	80264	20066
C6044	75184	47244	C6232	108204	55118	R6011	58166	45212	R6106	68834	22352
C6045	77724	47244	C6233	114554	49530	R6012	58166	35052	R6107	80264	18034
C6046	14478	22860	C6234	119380	49530	R6013	58166	42672	R6117	93726	52070
C6047	16256	22860	C6236	10922	5842	R6014	62230	41402	R6118	62230	54102
C6048	85344	30480	C6306	38608	5842	R6015	58166	40132	R6123	122682	31242
C6049	91694	36576	D6001	106172	15748	R6016	62230	38862	R6124	127508	35814
C6050	16256	18034	D6002	104394	18542	R6017	58166	37592	R6125	137414	29718
C6051	28702	21590	D6003	146304	18542	R6018	62230	36322	R6126	122682	33020
C6052	26670	21590	D6004	141986	20066	R6019	58166	33020	R6127	140970	23368
C6053	6350	22860	D6005	99568	22098	R6020	106934	43942	R6128	127508	33020
C6054	8128	22860	D6006	104140	9144	R6021	102870	42672	R6129	127508	31242
C6055	31242	14478	D6007	45720	20066	R6022	106934	41402	R6130	23368	11176
C6056	35306	14478	D6008	80264	22352	R6023	102870	40132	R6307	108966	7874
C6057	8128	18034	D6010	62738	22352	R6024	106934	38862			
C6058	39370	14478	D6013	138684	34036	R6025	102870	37592			
C6059	43688	14224	D6014	132588	34290	R6026	106934	36322			
C6060	22606	22860	D6015	132588	36322	R6027	102870	35052			
C6061	18542	22860	FB6205	104140	5334	R6028	106934	33782			
C6062	20320	22860	FB6206	83312	12700	R6029	102870	32512			
C6063	29210	14478	FB6207	97028	5334	R6030	106934	31242			
C6064	141986	31496	FB6208	73152	13208	R6031	102870	29972			
C6066	36576	30226	FB6210	118110	13208	R6032	141986	37871			
C6067	99568	19812	FB6211	115062	13208	R6035	136144	21082			
C6068	5334	40894	FB6212	112014	13208	R6036	107442	13716			
C6070	20320	18034	IC6001	36322	37592	R6037	105156	22098			
C6072	127508	19050	IC6006	93218	20574	R6038	143002	23368			
C6073	122936	19050	JF1	34290	37592	R6039	138684	14478			
C6074	45720	17780	JF2	71882	48514	R6040	146558	31750			
C6078	85090	20066	JF3	43942	33782	R6041	141986	33274			
C6081	62992	24638	JF4	132588	36322	R6042	141986	29718			
C6082	141986	35839	JF5	145796	35052	R6043	136144	38125			
C6084	43942	31750	L6001	46482	51562	R6048	107442	11684			

## DESCRIPTION OF SCHEMATIC DIAGRAM

### **SAFETY NOTE:**

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

### **IMPORTANT SAFETY NOTE:**

PARTS MARKED WITH «» (\_\_\_\_\_ ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

### **SERVICE PRECAUTION:**

THE AREA ENCLOSED BY THIS LINE (---) IS DIRECTLY CONNECTED WITH AC MAINS VOLTAGE.

WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.

### **NOTE:**

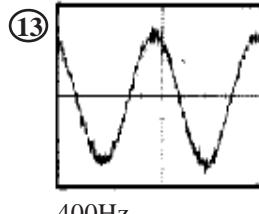
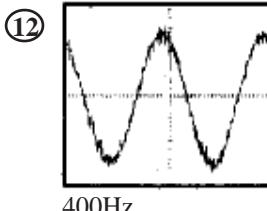
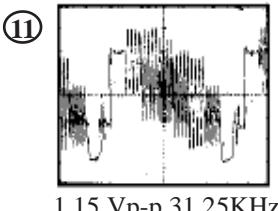
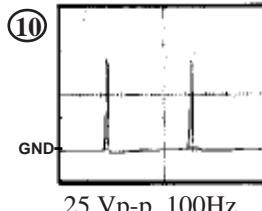
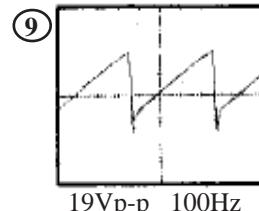
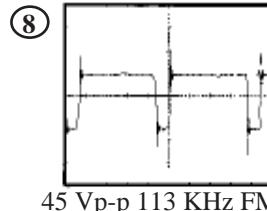
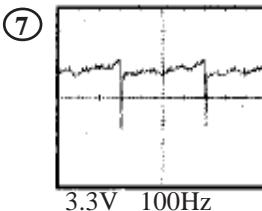
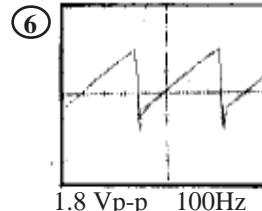
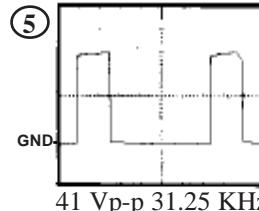
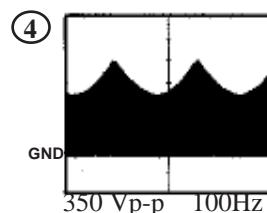
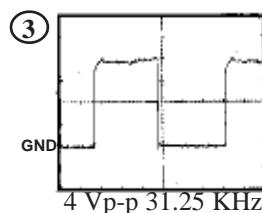
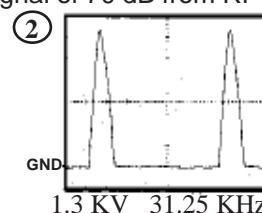
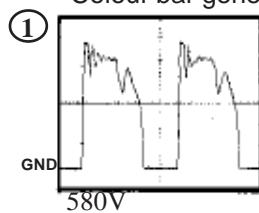
1. The unit of resistance «ohm» is omitted ( $K=1000$  ohms.  $M=$  Megaohm).
2. All resistors are 1/8 watt, unless otherwise noted.
3. All capacitors are mF, unless otherwise noted ( $P=$  mmF).
4. The capacitor with Part No. RC-FZ9XXXBMNJ is designed to withstand 63V.
5. The capacitor with Part No. RC-FZ4XXXBMNJ is designed to withstand 50V.

### **WAVEFORM MEASUREMENT CONDITION:**

Colour bar generator signal of 70 dB from RF input.

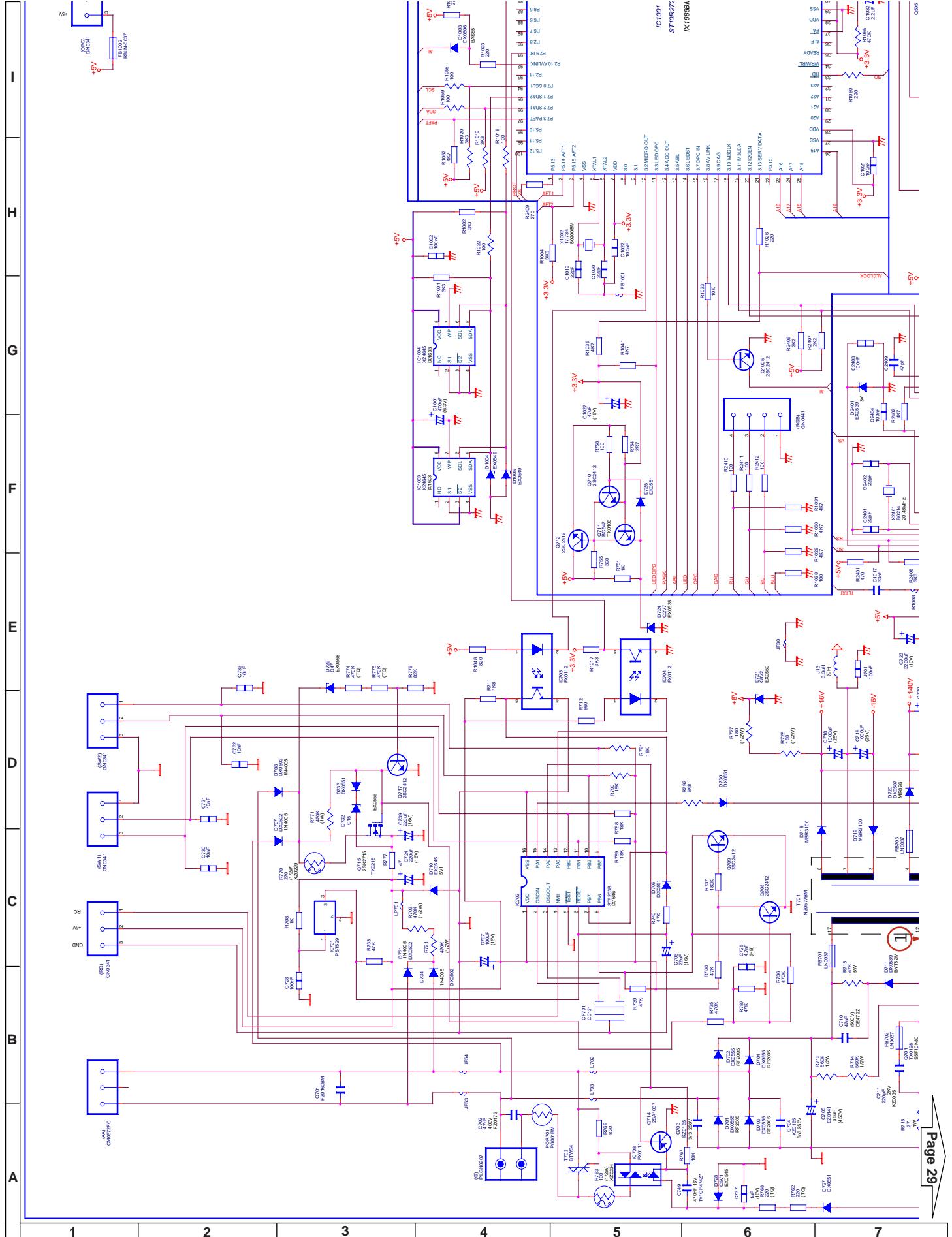
### **CAUTION**

This circuit diagram is original one, therefore there may be slight difference from yours.



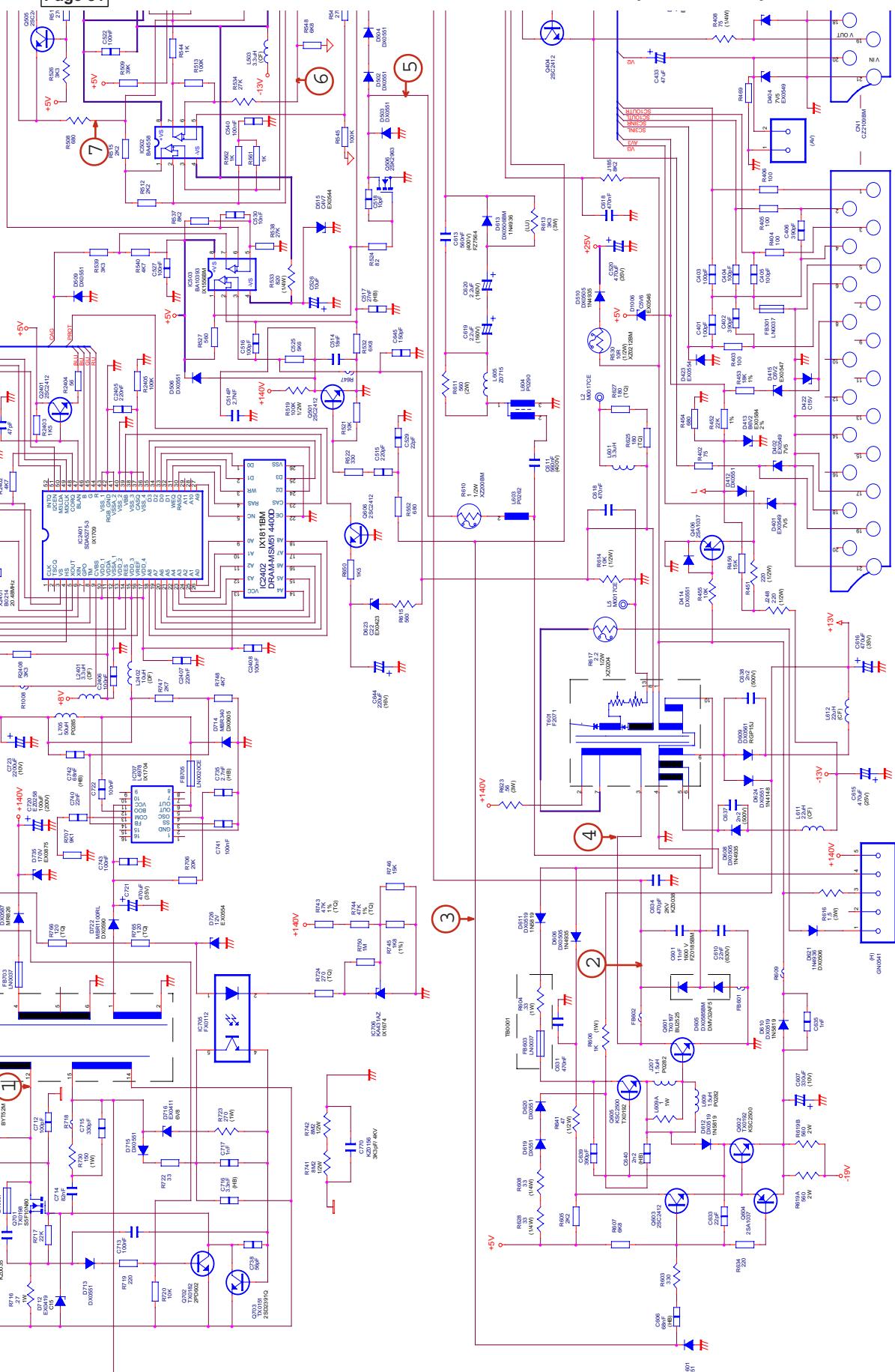
SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N5A), 00 Version

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SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N5A), 00 Version.

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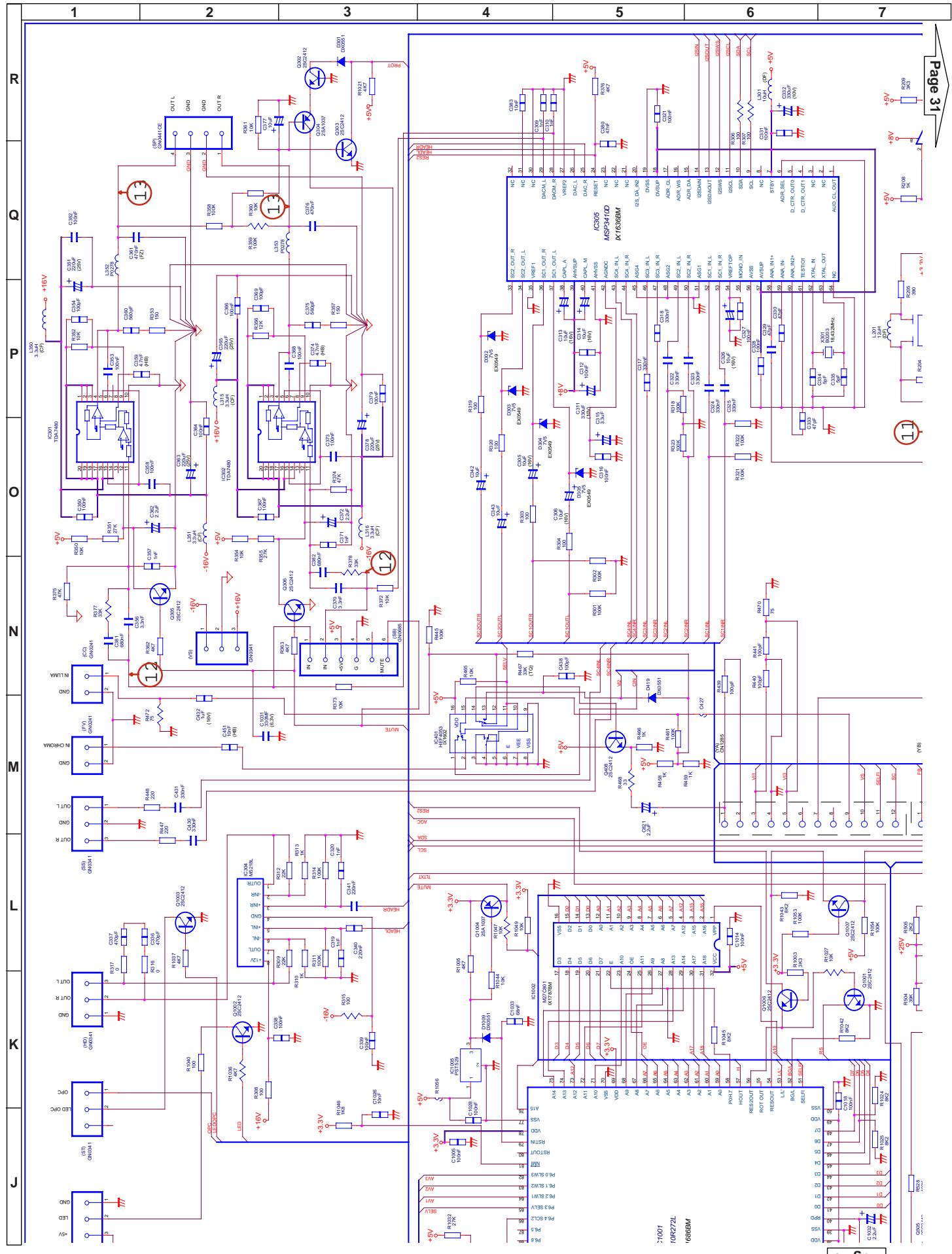
Page 28

8

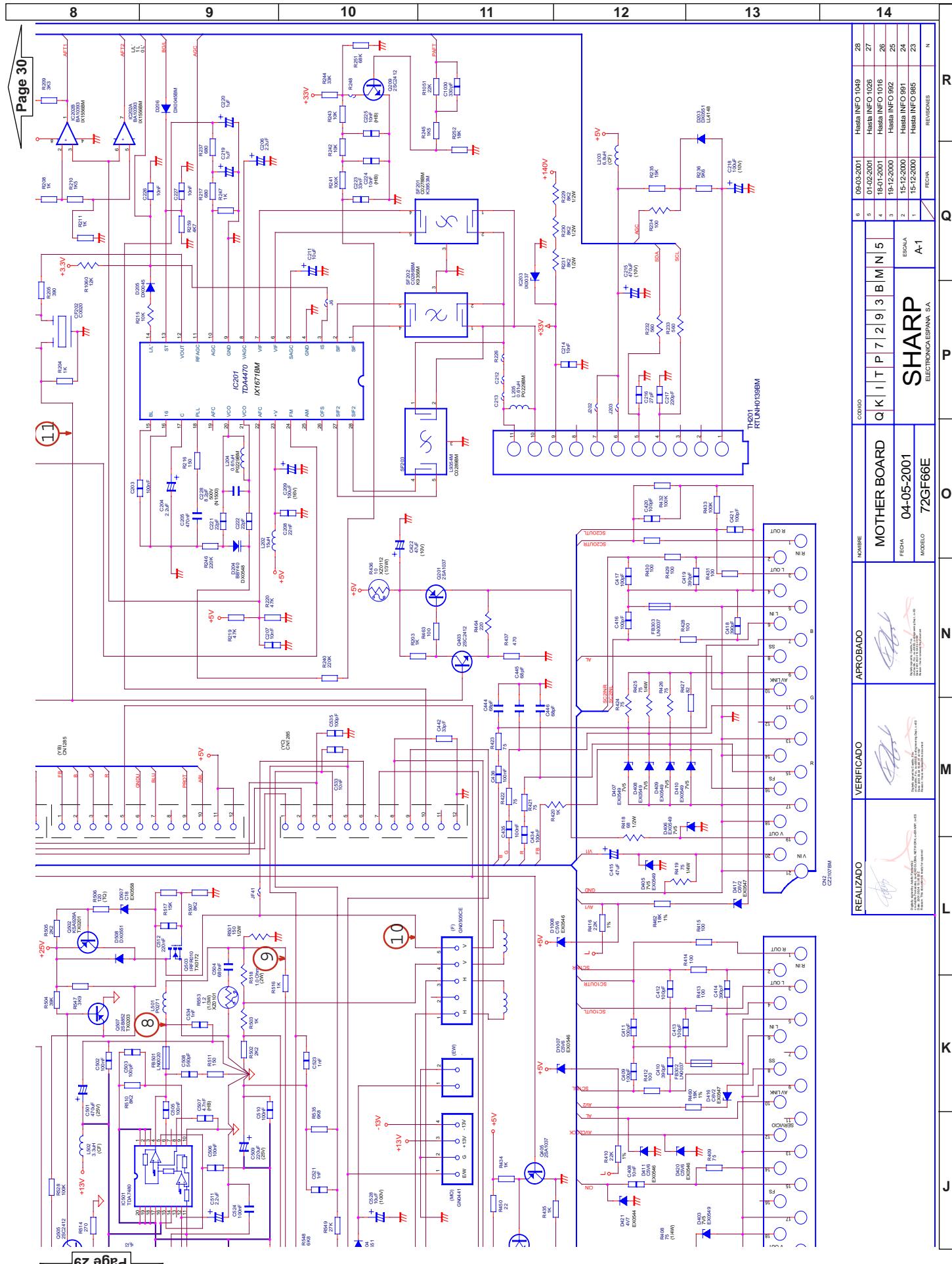
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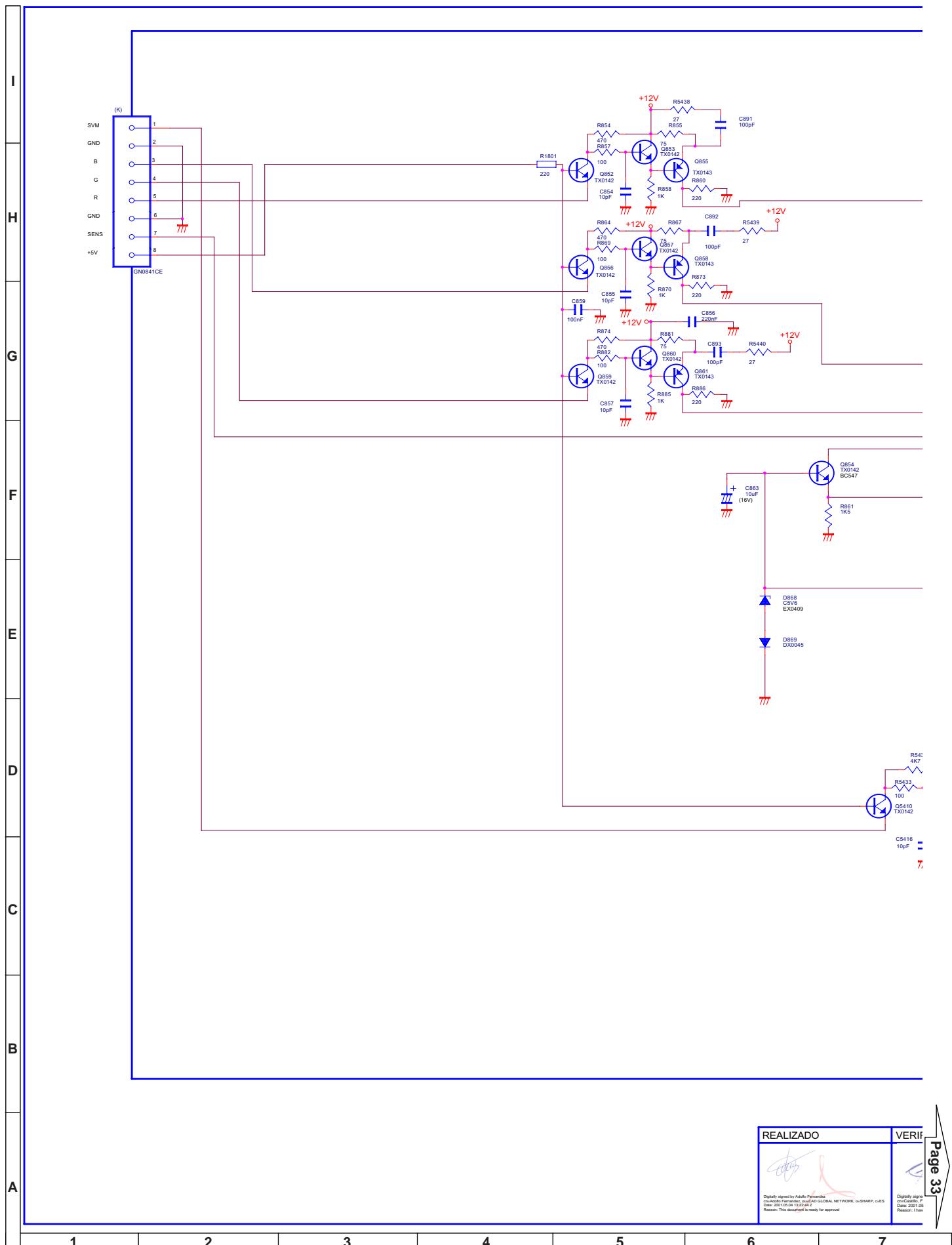
SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N5A), 00 Version.



SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N5A), 00 Version.



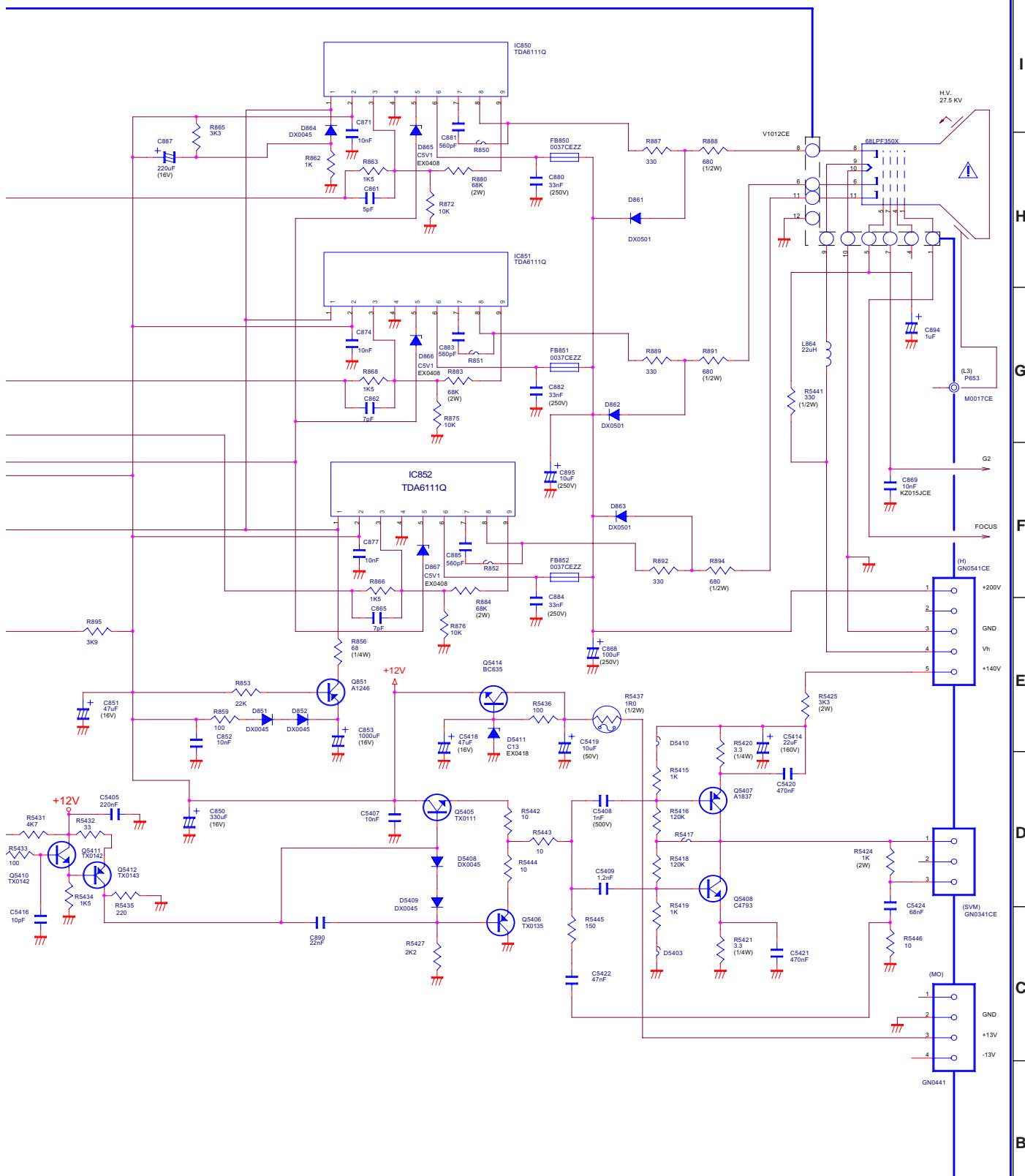
## SCHEMATIC DIAGRAM OF CRT MODULE UNIT (F7269N3), 00 Version.



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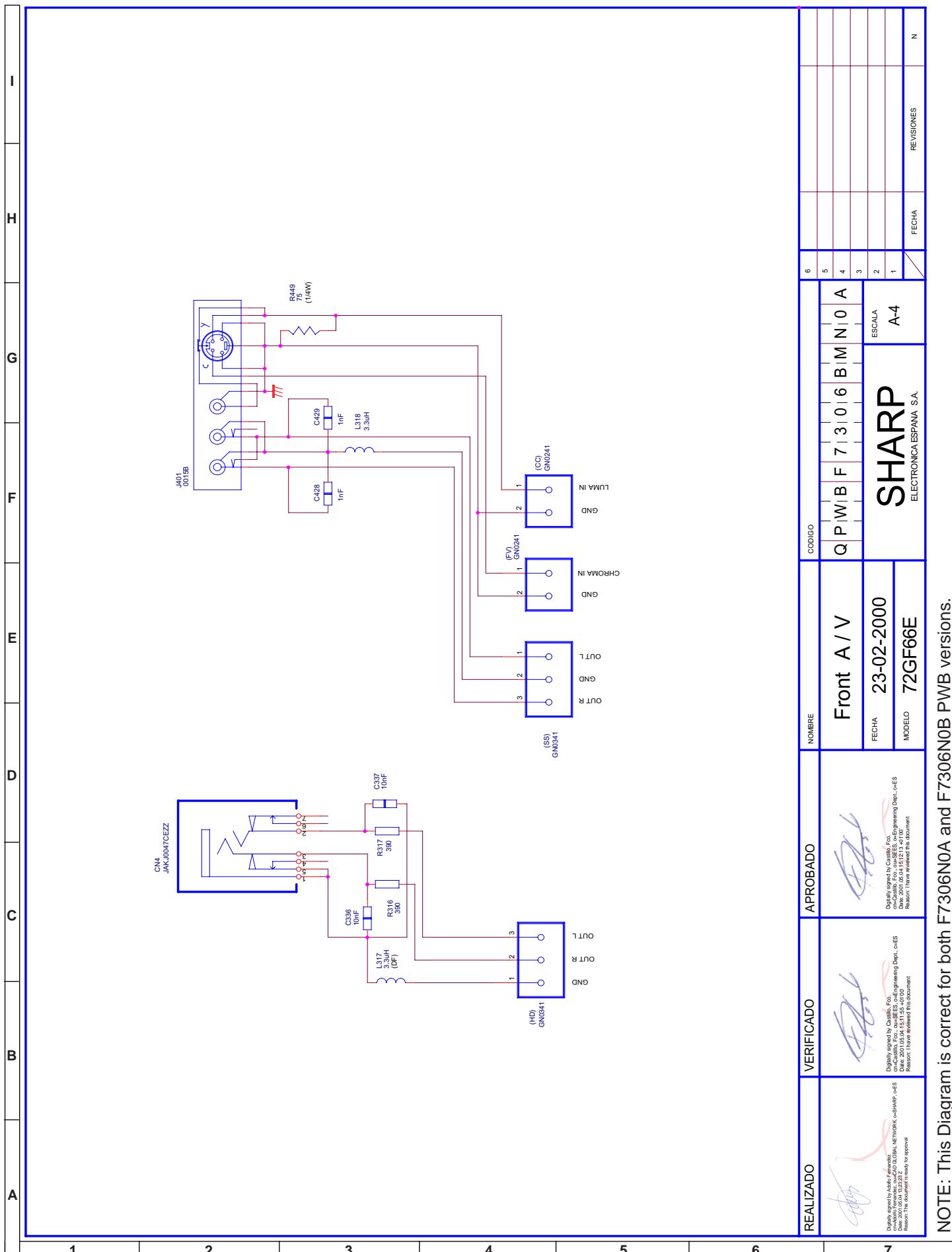
Page 33

SCHEMATIC DIAGRAM OF CRT MODULE UNIT (F7269N3), 00 Version.

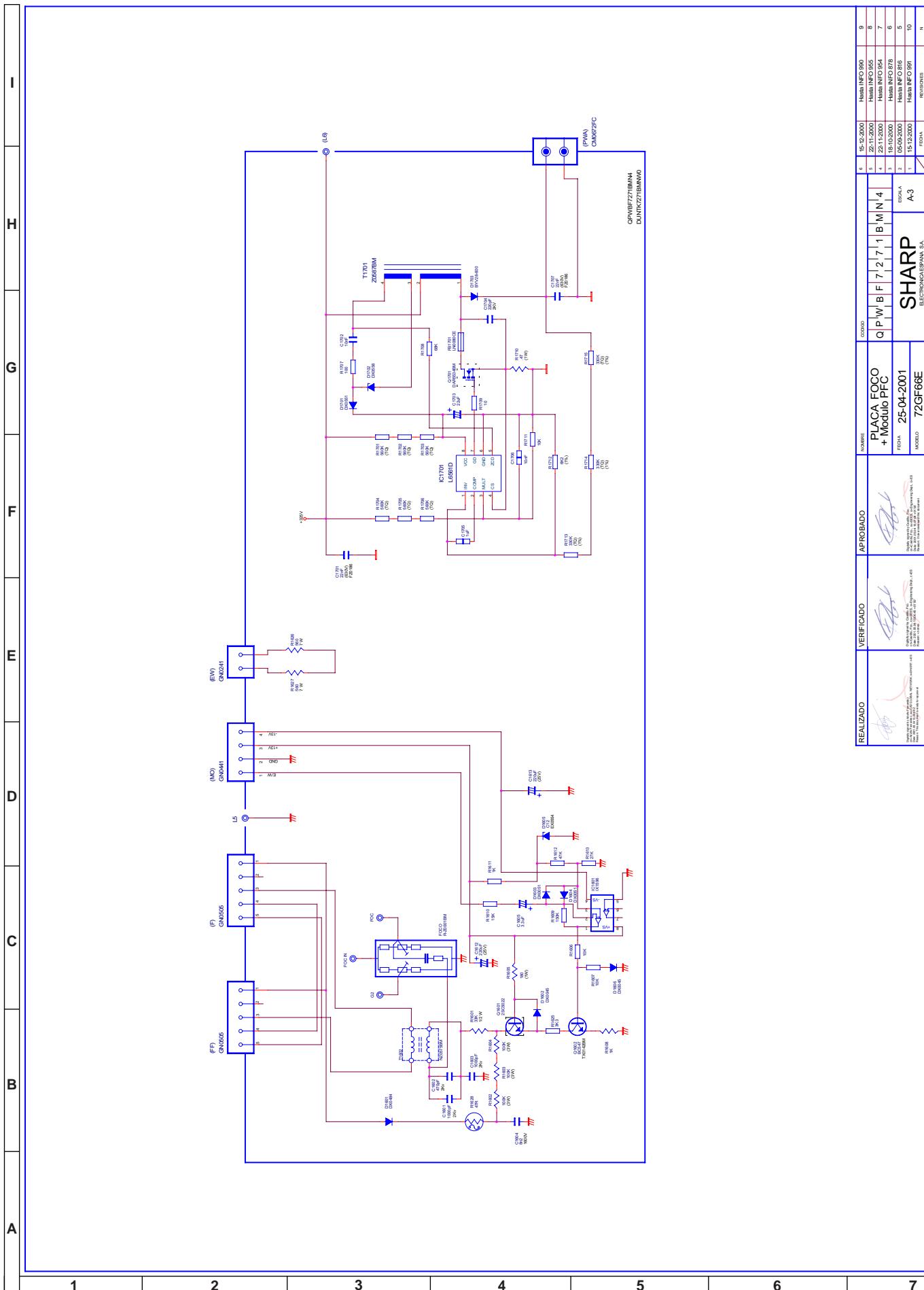


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		FECHA	19-02-2001	SHARP	ESCALA	A-3	14-03-2000	Hasta INFO 589	1
 Digitally signed by Castillo, For Ingenieros de Proyectos, Engineering Dept., c/nES Date: 2001.05.14 15:10:31 +01'00' Reason: I have reviewed this document		 Digitally signed by Castillo, For Ingenieros de Proyectos, Engineering Dept., c/nES Date: 2001.05.14 15:10:31 +01'00' Reason: I have reviewed this document							
8	9	10	11	12	13	14	REVISIONES	N	

## SCHEMATIC DIAGRAM OF FRONT A/V UNIT (F7306), 00 Version.

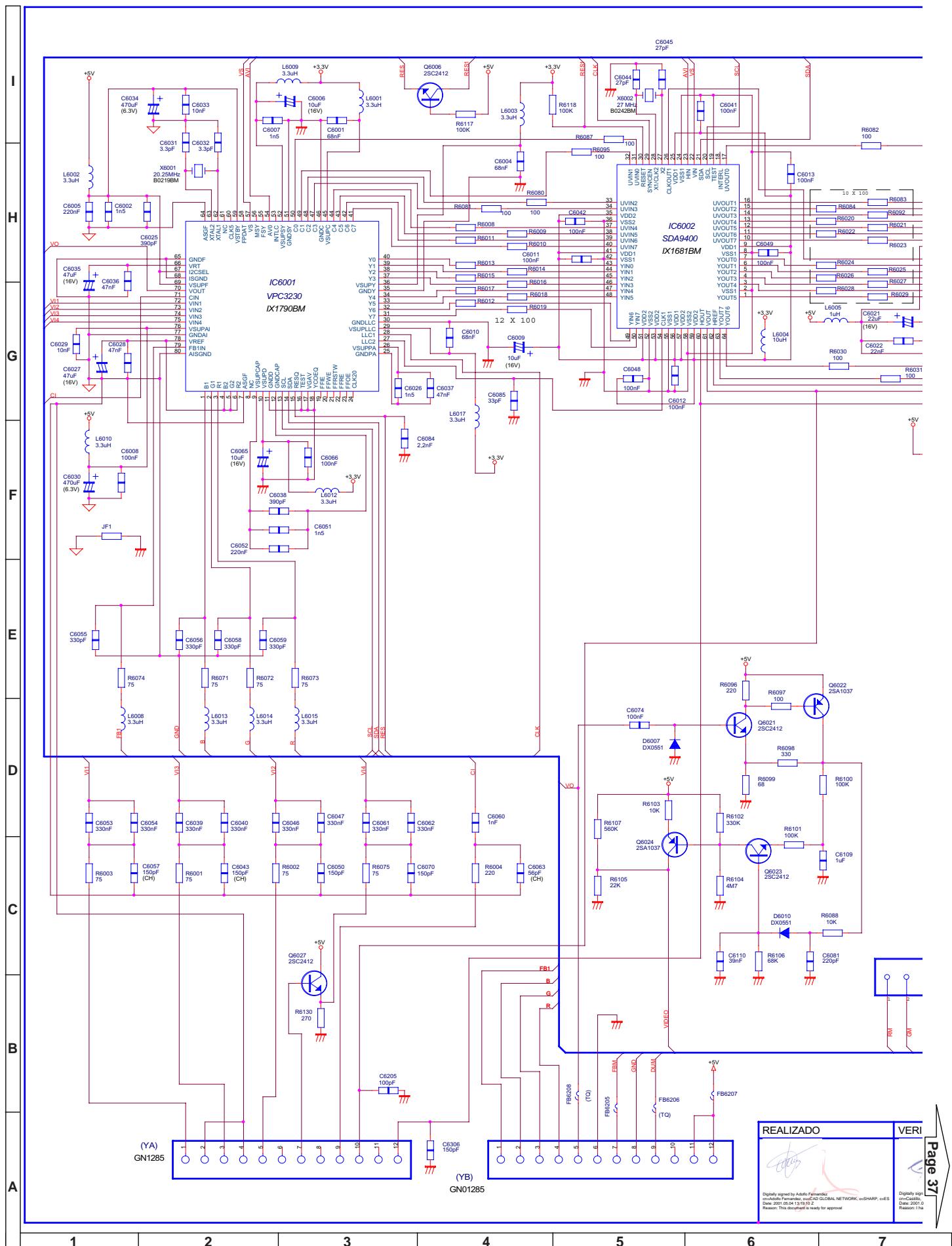


## **SCHEMATIC DIAGRAM OF DINAMIC FOCUS UNIT (F7271), 00 Version.**

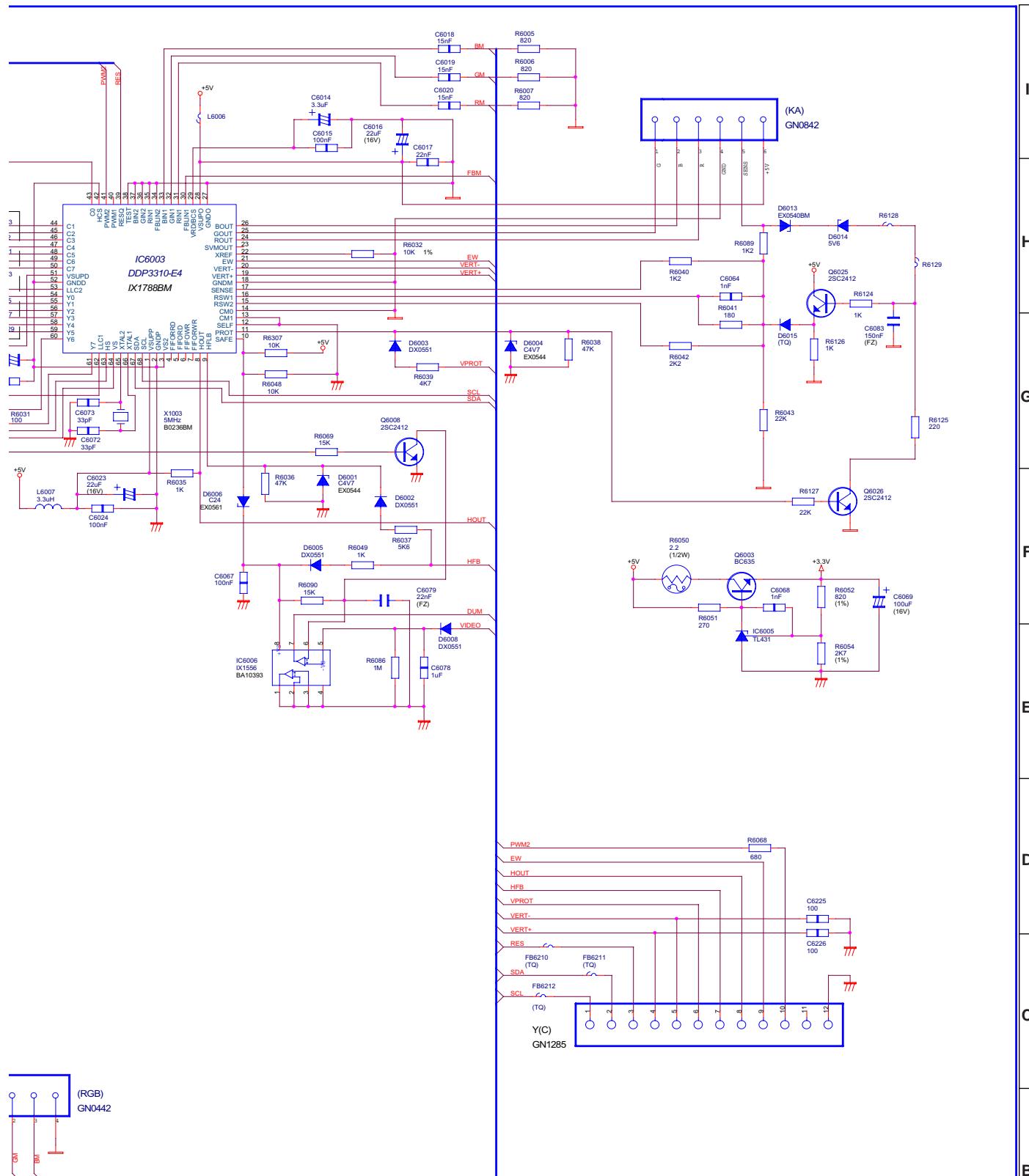


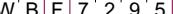
**NOTE:** This Diagram is correct for both F7271N3 and F7271N4 PWB versions.

SCHEMATIC DIAGRAM OF DIGITAL MODULE UNIT (F7295N0A), 00 Version.

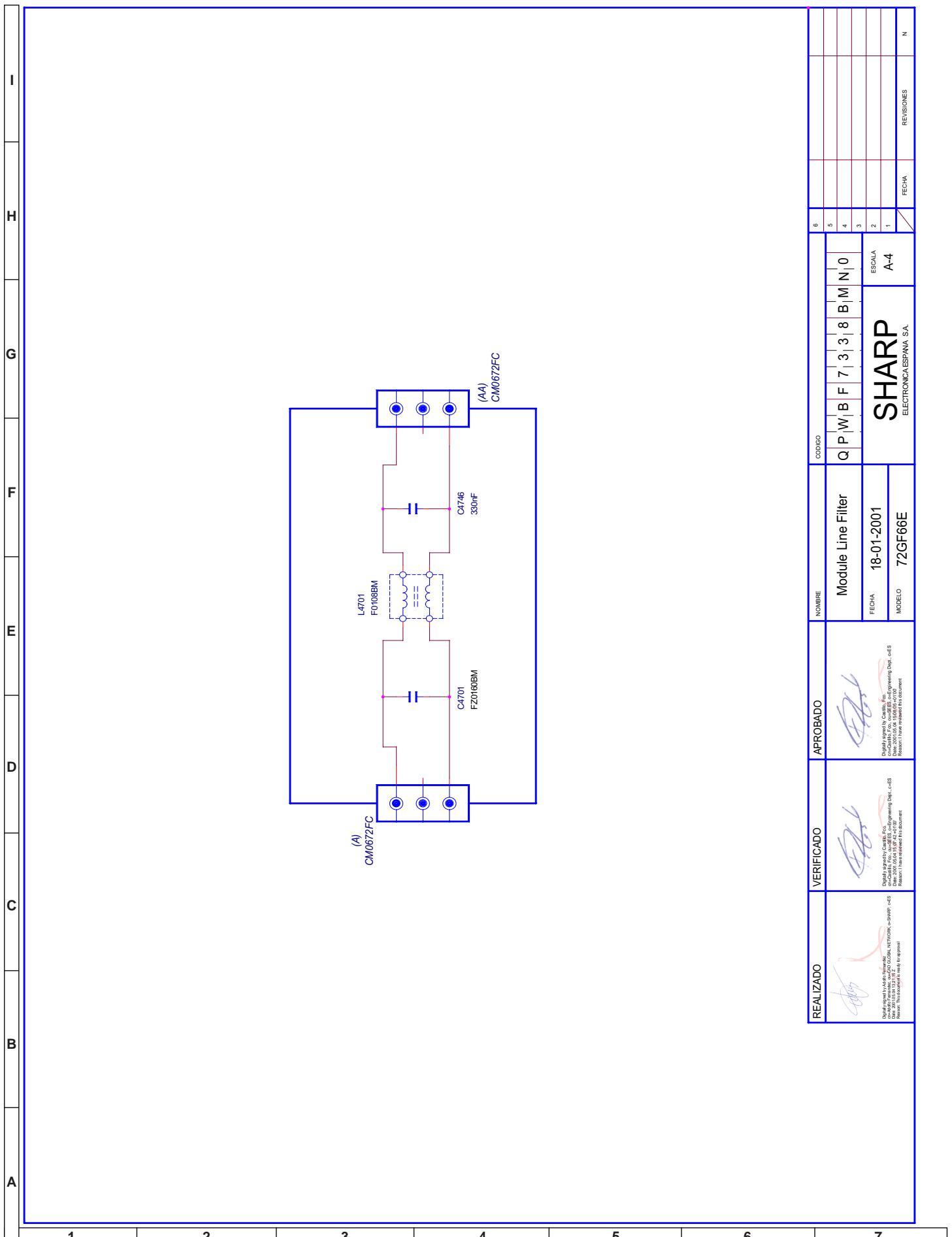


SCHEMATIC DIAGRAM OF DIGITAL MODULE UNIT (F7295N0A), 00 Version.

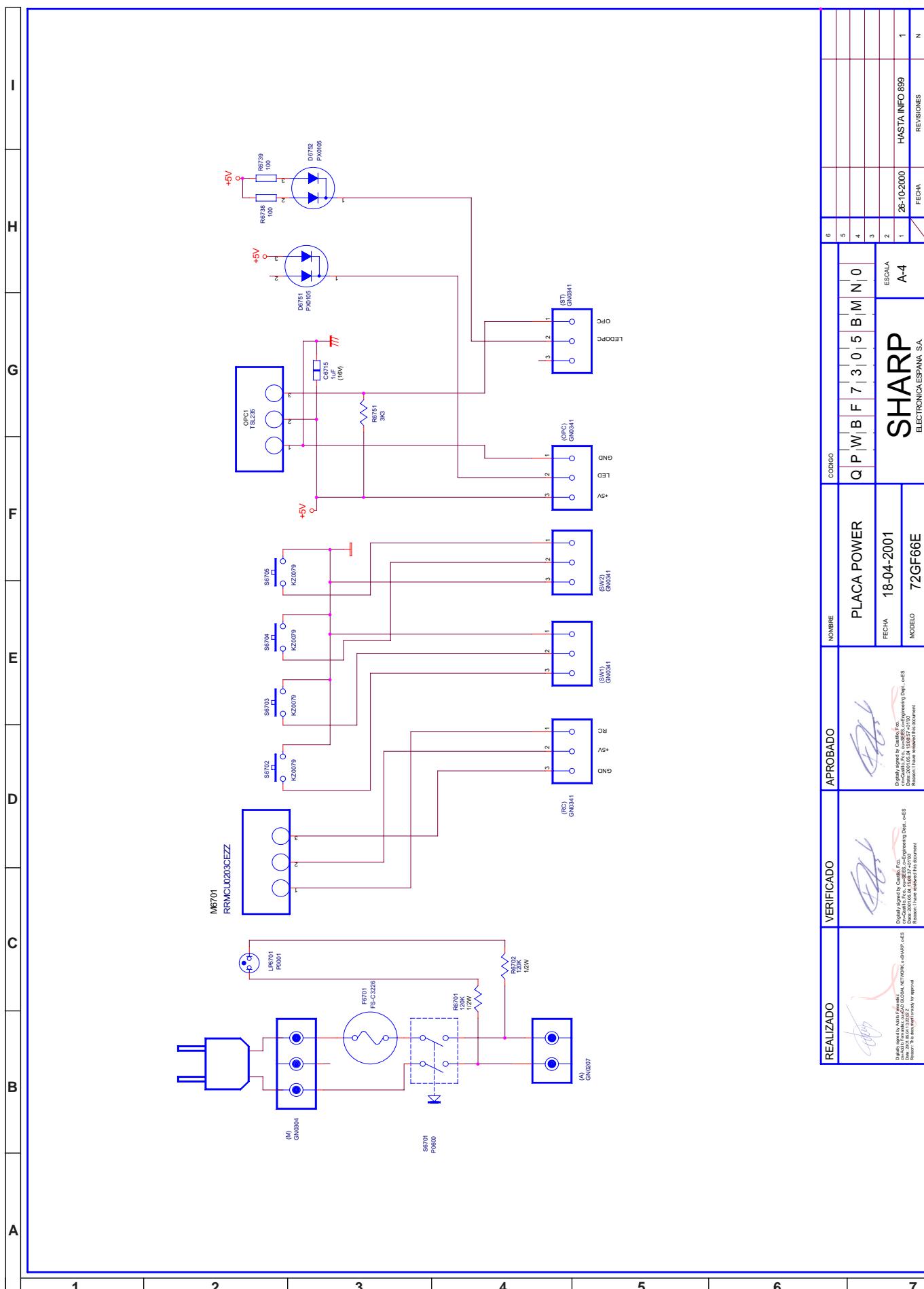


Page 36 VERIFICADO	APROBADO	NOMBRE	CODIGO	6			
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				3	28-04-2000	HASTA INFO 591	3
				2	28-04-2000	HASTA INFO 553	2
				1	26-04-2000	HASTA INFO 530	1
	FECHA	REVISIONES	N				
Module Digital		ESCALA					
17-10-2000		A-2					
72GF66E							
 ELECTRONICA ESPANA S.A.							

## SCHEMATIC DIAGRAM OF LINE FILTER UNIT (F7338N0), 00 Version.

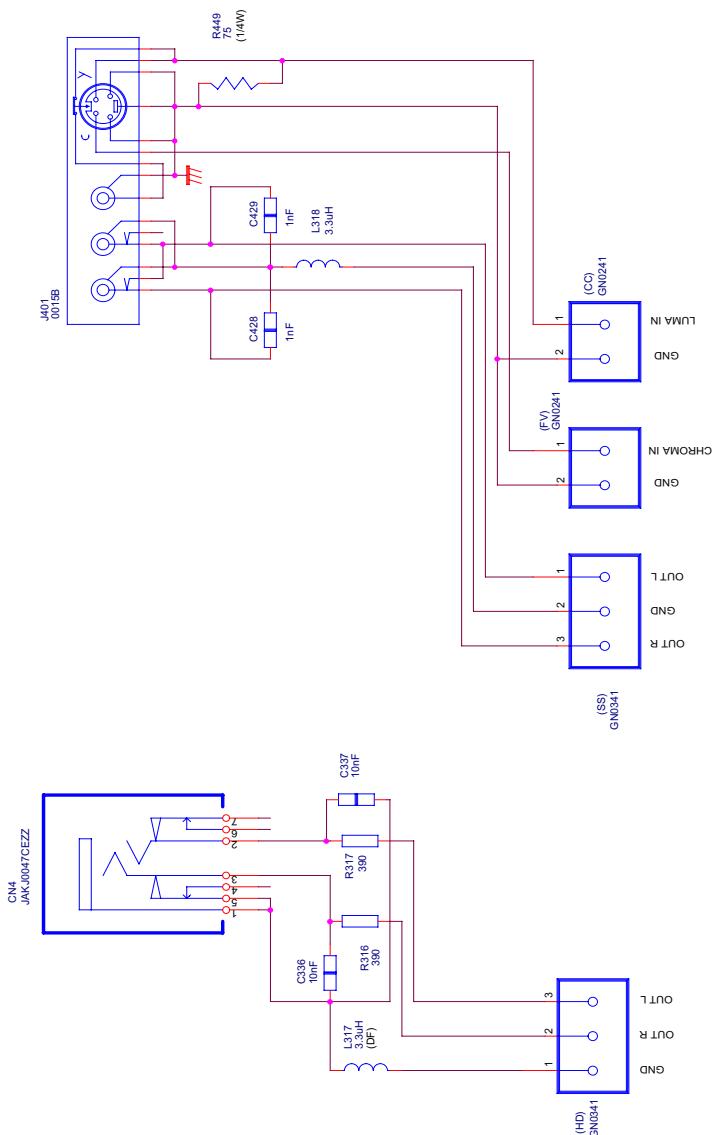


SCHEMATIC DIAGRAM OF POWER SUPPLY UNIT (F7305), 00 Version.



**NOTE:** This Diagram is correct for both F7305N0A and F7305N0B PWB versions.

SCHEMATIC DIAGRAM OF AUDIO AMPLIFIER UNIT (F7304NOB), 00 Version.



REALIZADO	VERIFICADO	APROBADO	NOMBRE	CODIGO
			Front A / V	Q P W B F 7 3 0 6 B M N O A
			Front A / V	Q P W B F 7 3 0 6 B M N O A
			FECHA	23-02-2000
			MODELO	72GF66E
				SHARP
				ELECTRONICA ESPANA S.A.
				FECHA
				REVISTIONES
				N

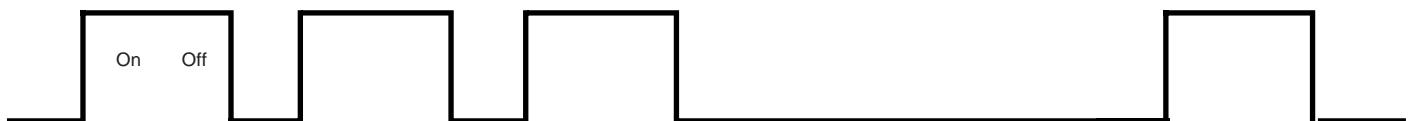
## STEREO LED FLASHING CODES.

If the TV set does not work and the stereo led is flashing, follow the sequence according to the information below, as a guide to fault finding.

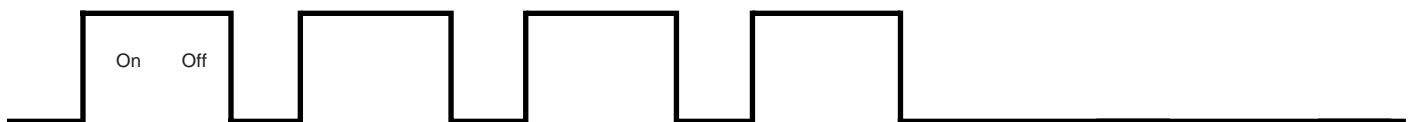
1. **Unable to read or write into NVM:** 66% ON, 33% OFF twice and OFF for a second.



2. **MSP failure:** 66% ON, 33% OFF for three times and OFF for a second.



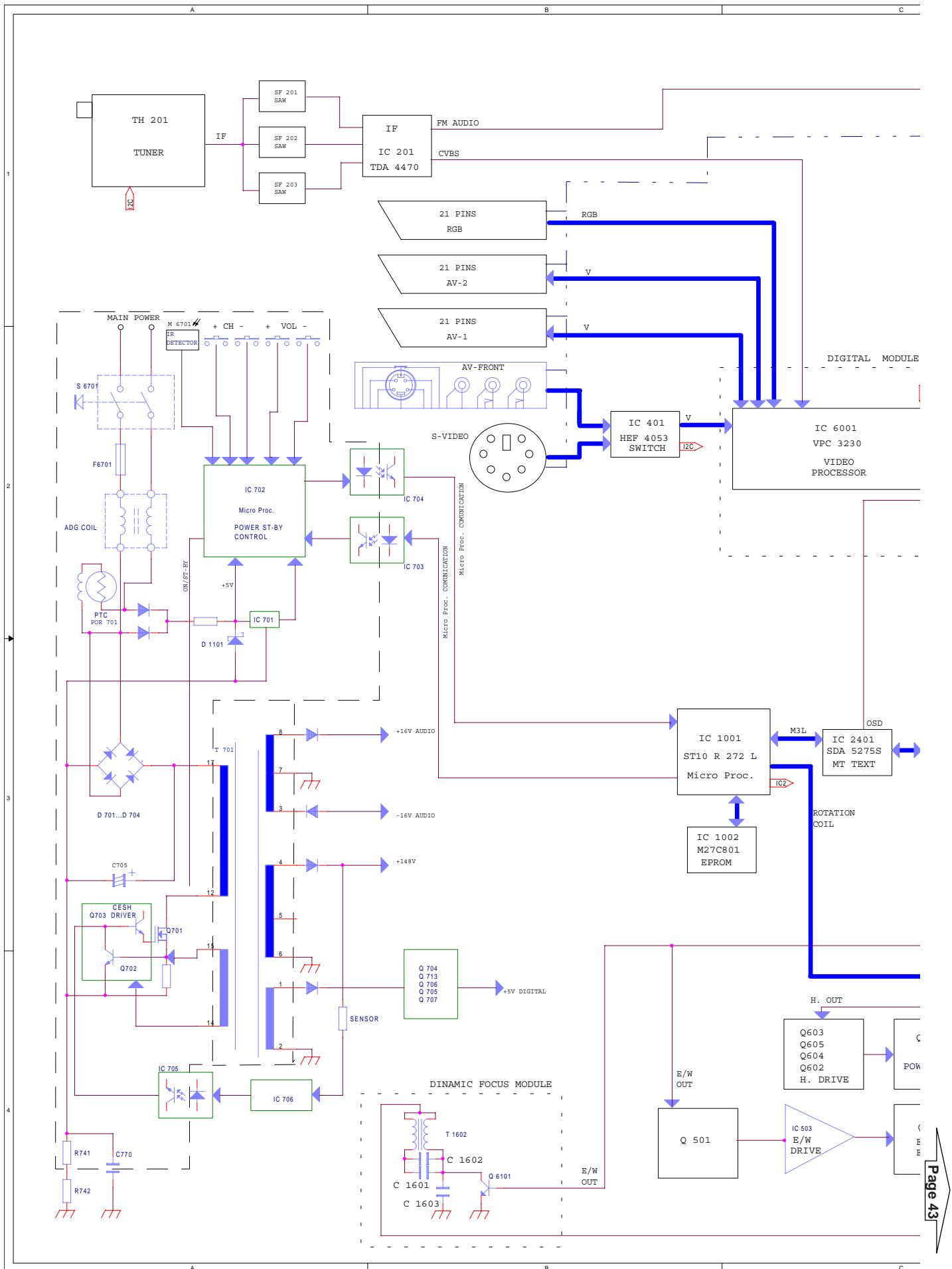
3. **VPC failure:** 66% ON, 33% OFF for four times and OFF for a second.



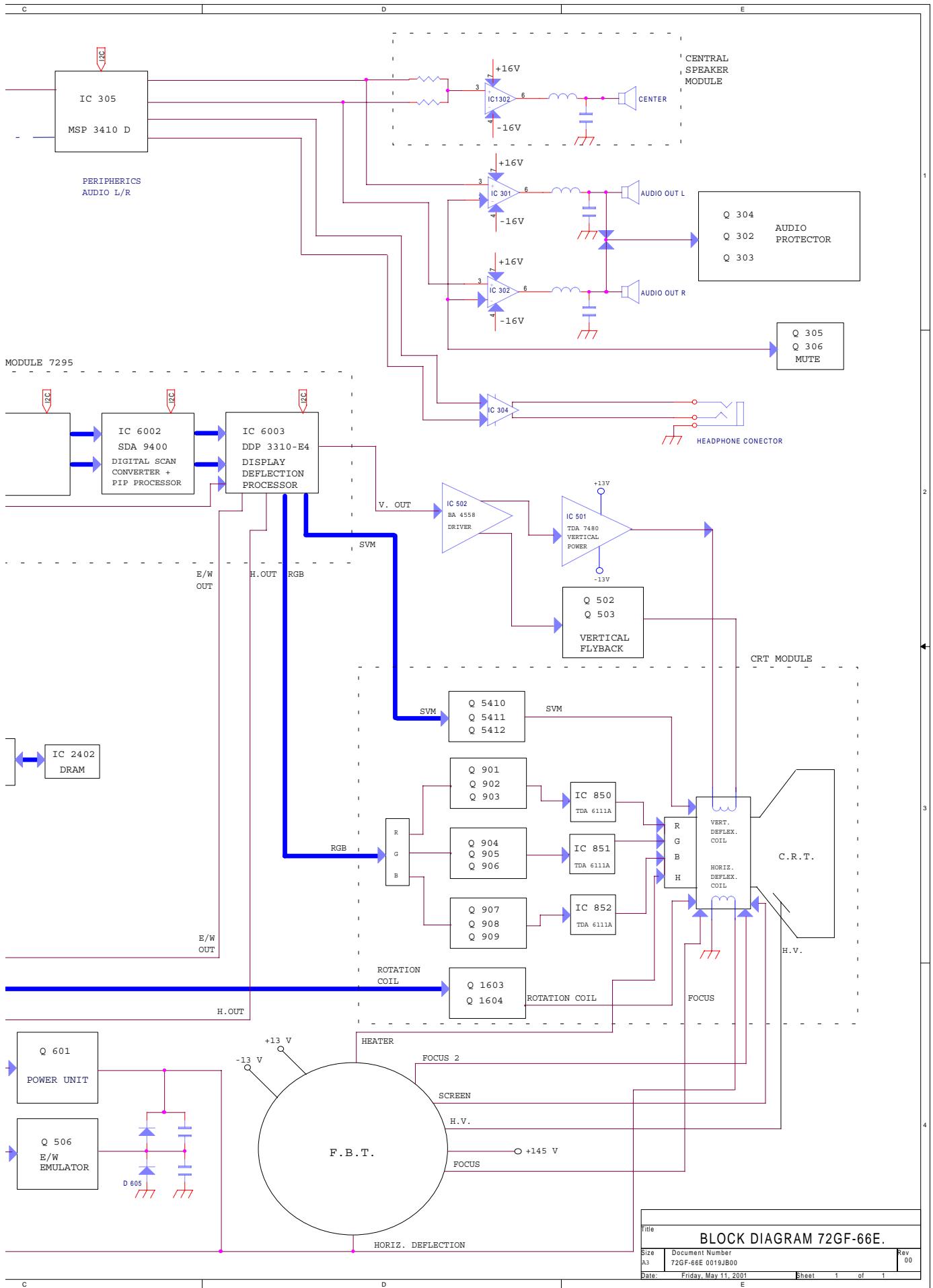
4. **SAA4956 failure:** 66% ON, 33% OFF for six times and OFF for a second.

5. **DDP failure:** 66% ON, 33% OFF for seven times and OFF for a second.

## BLOCK DIAGRAM



## BLOCK DIAGRAM



# PARTS LISTING

## REPLACEMENT PARTS

Replacement parts which have special safety characteristics are identified in this manual. Electrical components having such features are identified by  $\Delta$  in the Replacement Part List.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended is not permitted. Replacement parts not shown in this service manual may create shock fire, or other hazards.

## HOW TO ORDER REPLACEMENT PARTS

To have your order completed promptly and correctly please supply the following information.

1. MODEL NUMBER	2. REF. NO.
3. PART NO.	4. DESCRIPTION
5. CODE	6. QUANTITY

### MARK \*: SPARE PARTS DELIVERY SECTION

	PARTS	DESCRIPTION	*	SN CODE	EX CODE
--	-------	-------------	---	---------	---------

### PICTURE TUBE

$\Delta$	VB68QCP891X4E	29" A68QCP891X110SAM5.100HZTRUEFLAT GERMA	S	CK	DE
$\Delta$	CCILG0404BMV0	DEG COIL SET NUCTOR 28"	S	AM	AV

### PWB-A MOTHER UNIT

	TUNER				
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TH 0201	RTUNH0139BMZ	TUNER CTT5020E THOMSON	S	AP	BA
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### INTEGRATED CIRCUITS

IC 0201	RH-IX1671BMZ	IC TDA4470-MFL TEMIC SMD	S	AF	AQ
IC 0202	RH-IX1556BMZ	IC BA10393 S0P8 SMD ROHM	S	AC	AD
IC 0203	RH-IX0037CEZZ	IC UPC5743V NEC	S	AF	AD
IC 0301	VHTDA7480/-1	IC TDA7480 THOMSON	S	AF	AK
IC 0302	VHTDA7480/-1	IC TDA7480 THOMSON	S	AF	AK
IC 0304	VHIM5218L/-1	IC M5218L	S	AA	**
IC 0305	RH-IX1789BMZ	CI MSP3410D-PP-C5 MICRONA	S	AS	BD
IC 0401	RH-IX1602BMZ	IC HEF4053 SMD	S	AA	**
IC 0501	VHTDA7480/-1	IC TDA7480 THOMSON	S	AF	AK
IC 0502	VHBA4558F/-1	IC BA4558F-E2 ROHM OP-AMP	S	AA	AC
IC 0503	RH-IX1556BMZ	IC BA10393 S0P8 SMD ROHM	S	AC	AD
IC 0701	VHIPST529C2-1	IC PST529C2 MITSUMI	S	AD	AD
IC 0702	RH-IX1646BMZ	IC ST6203B SMD SGS-THOMSON	S	AF	AL
$\Delta$ IC 0703	RH-FX0112BMZ	OPTOCOUPLER MOC8106.3SR2	S	AA	AD
$\Delta$ IC 0704	RH-FX0112BMZ	OPTOCOUPLER MOC8106.3SR2	S	AA	AD
$\Delta$ IC 0705	RH-FX0112BMZ	OPTOCOUPLER MOC8106.3SR2	S	AA	AD
IC 0706	RH-IX1674BMZ	IC KA431AZ SAMSUNG	S	AA	AD
IC 0707	RH-IX1704BMZ	IC L4978 THOMSON	S	AD	AK
IC 0708	RH-FX0111BMZ	OPTOCOUPLER TLP165J TOSHIBA	S	AB	AE
IC 1001	RH-IX1686BMZ	IC ST10R272L THOMSON	S	AK	AW
IC 1002	CH-IX1708CJE4	EPRM SET SOFT 72GF66E	S	AT	BE
IC 1003	RH-IX1603BMZ	NVM X24645S8 XICOR SMD	S	AS	AV
IC 1004	RH-IX1603BMZ	NVM X24645S8 XICOR SMD	S	AS	AV
IC 1005	VHIPST529C2-1	IC PST529C2 MITSUMI	S	AD	AD
IC 2401	RH-IX1709BMZ	IC SDAS5275-3MTXT NIVEL2,5	S	AT	BD
IC 2402	RH-IX1811BMZ	IC DRAM MSM514400D-60TS-K OKI	S	AG	AS

### TRANSISTORS

Q 0201	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0209	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0302	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0303	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0304	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0305	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
Q 0306	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0403	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0404	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0405	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0406	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0408	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0501	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0502	RH-TX0201BMZ	TRT KSA928A SAMSUNG	S	AA	AC
Q 0503	RH-TX0172BMZ	IRFR010TM SAMSUNG N	S	AD	AE
Q 0505	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0506	RH-TX0219BMZ	TRT MOSFET TOSHIBA 2SK2963 SMD	S	AA	AD
Q 0507	RH-TX0203BMZ	TRT 2SB852 ROHM	S	AA	AB
Q 0601	RH-TX0197BMZ	TRT BU252AX PHILIPS	S	AG	AP
Q 0602	RH-TX0192BMZ	TRT KSC2500 SAMSUNG	S	AB	AC
Q 0603	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0604	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0605	RH-TX0192BMZ	TRT KSC2500 SAMSUNG	S	AB	AC
Q 0606	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0701	RH-TX0198BMZ	TRT S5F10N80A SAMSUNG	S	AM	AU
Q 0702	RH-TX0182BMZ	TRT 2PD602AR PHILIPS	S	AA	AB
Q 0703	RH-TX0151BMZ	TRT 2SD2391Q SMD ROHM	S	AC	AD
Q 0708	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0709	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0710	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0711	RH-TX0106BMZ	TRT BC547	S	AA	AB
Q 0712	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0714	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0715	RH-TX0215BMZ	MOSFET 2SK2715 ROHM	S	AA	AE
Q 0717	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1001	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1002	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1003	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1004	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 1005	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1006	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1007	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 2401	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
		DIODES			
D 0203	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0204	RH-DX0548BMZ	DIODE VARICAP BBY40	S	AC	AE
D 0205	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0206	RH-DX0045BMZ	DIODE 1N4148	S	AA	AA
D 0301	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0302	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0303	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0304	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0305	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0401	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0402	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0403	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0404	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0405	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0406	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0407	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0408	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0409	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0410	RH-EX0549BMZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0411	RH-EX0546BMZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 0412	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0413	RH-EX0584BMZ	ZENER DIODE TZMB6V2 TFK SMD 2%	S	AA	AA
D 0414	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0415	RH-EX0547BMZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 0416	RH-EX0547BMZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 0417	RH-EX0547BMZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 0419	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0420	RH-EX0546BMZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 0421	RH-EX0544BMZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA
D 0422	RH-EX0556BMZ	ZENER DIODE TZMC15 TFK SMD	S	AA	AA
D 0423	RH-EX0554BMZ	ZENER DIODE TZMC12 TFK SMD	S	AA	AA
D 0502	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0503	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0504	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0506	RH-DX0551BMZ	DIODE LL4148 TFK SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
D 0507	RH-EX0558BMZZ	ZENER DIODE TZMC18 TFK SMD	S	AA	AA	L 0350	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
D 0508	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0351	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
D 0509	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0352	RCILP0278BMZZ	COIL A823LY-680K TOKO	S	AA	AD
D 0510	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE	L 0353	RCILP0278BMZZ	COIL A823LY-680K TOKO	S	AA	AD
D 0515	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA	L 0501	RCILP0271BMZZ	COIL BC-400/K DIEMEN	S	AD	AG
D 0601	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0502	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
D 0605	RH-DX0585BMZZ	DIODE DMV32A5 THOMSON	S	AH	AM	L 0503	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
D 0606	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE	L 0601	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**
D 0608	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE	L 0603	RCILP0262BMZZ	COIL HR1800.00 DIEMEN	S	AD	AG
D 0609	RH-DX0561BMZZ	DIODE RGP15J FAGOR	S	AC	AD	L 0604	RCILP0290BMZZ	INNER COIL HR-18019.00	S	AC	AH
D 0610	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD	L 0605	RCILZ0718BMZZ	COIL HR13042-00 DIEMEN	S	AL	AD
D 0611	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD	L 0609	RCILP0282BMZZ	COIL RLB0912-1R5M DIONIX-BULK	S	AA	AD
D 0612	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD	L 0611	VP-CF220K0000	PEAK COIL 22UH 10%	S	AA	AA
D 0613	RH-DX0506BMZZ	DIODE 1N4936	S	AB	AB	L 0612	VP-CF220K0000	PEAK COIL 22UH 10%	S	AA	AA
D 0619	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0705	RCILP0285BMZZ	COIL PCV1620-500K DIONIX	S	AB	AF
D 0620	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 2401	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB
D 0621	RH-DX0506BMZZ	DIODE 1N4936	S	AB	AB	L 2402	VP-DF100K0000	PEAK COIL 10UH 10%	S	AA	**
D 0623	RH-EX0423BMZZ	ZENER DIODE BXZ79C22V	S	AA	AB	L 609A	VRN-VV3AB1R0J	MET FILM R 1 OHM 5% 1W	S	AA	AA
D 0624	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA			<b>CERAMIC FILTERS</b>			
D 0701	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	CF 0202	RFILC0200CEZZ	FILTER SIF TRAP (TAPED)	S	AE	AE
D 0702	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	CF 0701	RFILC0121GEZZ	FILTER CST8.00MTW MURATA	S	AC	AD
D 0703	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	SF 0201	RFILC0278BMZZ	SAW FILTER K3953M SIEMENS	S	AK	AM
D 0704	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	SF 0202	RFILC0286BMZZ	FILTER K9356M SIEMENS	S	AC	AG
D 0706	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	SF 0203	RFILC0289BMZZ	SAW FILTER L9354M SIEMENS	S	AC	AK
D 0707	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA			<b>TRANSFORMERS</b>			
D 0708	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	▲ T 0601	RTRNF2075BMZZ	FBT 29° 40308 OREGA	S	AP	BA
D 0710	RH-EX0545BMZZ	ZENER DIODE TZMC5V1 TFK SMD	S	AA	AA	▲ T 0701	RTRNZ0577BMZZ	CHOPPER 16.9 100HZ THOMSON	S	AF	AQ
D 0711	RH-DX0539BMZZ	DIODE BYT52M TFK	S	AA	AC			<b>CAPACITORS</b>			
D 0712	RH-EX0419BMZZ	ZENER DIODE BXZ79C15V 0,4W	S	AA	AB	C 0203	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
D 0713	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0204	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
D 0714	RH-DX0605BMZZ	DIODE MBR340RL MOTOROLA	S	AA	AE	C 0205	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	**
D 0715	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0206	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
D 0716	RH-EX0412BMZZ	ZENER DIODE BXZ79C7V5	S	AA	AB	C 0207	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 0718	RH-DX0589BMZZ	DIODE MBR310RL	S	AC	AF	C 0208	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	**
D 0719	RH-DX0589BMZZ	DIODE MBR310RL	S	AC	AF	C 0209	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S	AA	**
D 0720	RH-DX0587BMZZ	DIODE MR826 PREFORM C6.3	S	AH	AP	C 0211	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	**
D 0721	RH-EX0550BMZZ	ZENER DIODE TZMC8V2 TFK SMD	S	AA	AA	C 0212	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
D 0722	RH-DX0590BMZZ	DIODE MBR110RL MOTOROLA	S	AD	AE	C 0213	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
D 0724	RH-EX0538BMZZ	ZENER DIODE TZMC2V7 TFK SMD	S	AA	AA	C 0214	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 0725	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0215	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
D 0726	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S	AA	AA	C 0216	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
D 0727	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0217	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S	AA	**
D 0728	RH-EX0545BMZZ	ZENER DIODE TZMC5V1 TFK SMD	S	AA	AA	C 0218	VCEAGA1AW107M	ELEC C 100UF 20% 10V	S	AA	**
D 0729	RH-EX0568BMZZ	ZENER DIODE TZMC47 TFK SMD	S	AA	AA	C 0219	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S	AA	AA
D 0730	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0220	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S	AA	AA
D 0731	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	C 0221	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	**
D 0732	RH-EX0556BMZZ	ZENER DIODE TZMC15 TFK SMD	S	AA	AA	C 0222	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	**
D 0733	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0223	VCKYTV1HF333Z	CERAM C 33NF 50V 2125SMD	S	AA	AA
D 0734	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	C 0224	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 0735	RH-EX0875BMZZ	DIODE BZW04-145=170V FAGOR	S	AA	AD	C 0225	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1003	RH-DX0606BMZZ	DIODE BAS85 PHILIPS SMD	S	AA	AB	C 0226	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1004	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA	C 0227	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1005	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA	C 0228	VCCWPA1BL8R2C	C 8,2PF 0,25 N1500 500V	S	AA	AB
D 1006	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 0305	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	**
D 1007	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 0306	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	**
D 1008	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 0309	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
D 1009	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0310	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
D 2401	RH-EX0539BMZZ	ZENER DIODE TZMC3V0 TFK SMD	S	AA	AA	C 0311	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S	AA	**
		<b>PACKAGED CIRCUITS</b>				C 0312	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
POR0701	RMPTP0001BMZZ	PTC B59250-C1080-B70	S	AA	AD	C 0313	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	**
X 0301	RCRSB0203BMZZ	CRYSTAL 18,432 MHZ	S	AD	AG	C 0314	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	**
X 1002	RCRSB0200BMZZ	CRYSTAL 17,734 MHZ	S	AD	AG	C 0315	VCEAGA1HW335M	ELEC C 3,3UF 20% 50V	S	AA	AA
X 2401	RCRSB0214BMZZ	CRYSTAL 20.48 MHZ SEL	S	AD	AH	C 0316	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
		<b>COILS</b>				C 0317	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
L 0201	VP-DF120K0000	PEAK COIL 12UH 10%	S	AA	**	C 0318	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
L 0202	VP-NM150KR63N	COIL 15UH SMD	S	AB	AC	C 0319	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 0203	VP-CF6R8K0000	PEAK COIL 6.8UH 10%	S	AA	AA	C 0320	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 0204	RCILP0229BMZZ	COIL SMD 610NH LQN1HR61J	S	AA	AD	C 0321	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
L 0205	RCILP0229BMZZ	COIL SMD 610NH LQN1HR61J	S	AA	AD	C 0322	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	**
L 0301	VP-DF100K0000	PEAK COIL 10UH 10%	S	AA	**	C 0323	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	**
L 0315	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB	C 0324	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	**
L 0316	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB						

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
C 0325	RC-F24334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0326	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	**
C 0327	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0328	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0329	VCCCPA1HH470J	CERAM C 47PF 5% 50V	S AA	**
C 0330	VCCCTV1HH470J	CERAM C 47PF 50V 2125SMD	S AA	AA
C 0331	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0332	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S AA	**
C 0333	VCCCTV1HH470J	CERAM C 47PF 50V 2125SMD	S AA	AA
C 0334	VCCCTV1HH5R0C	CERAM C 5PF 50V 2125SMD	S AA	AA
C 0335	VCCCTV1HH5R0C	CERAM C 5PF 50V 2125SMD	S AA	AA
C 0336	VCCCTV1HH471J	CERAM C 470PF 50V 2125SMD	S AA	**
C 0337	VCCCTV1HH471J	CERAM C 470PF 50V 2125SMD	S AA	**
C 0338	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0339	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0340	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA
C 0341	RC-F24224BMNJ	POL FILM C 220nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0342	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	**
C 0343	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	**
C 0350	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0351	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA
C 0352	RC-F24104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0353	RC-F24104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0354	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0356	RC-F24332BMNJ	POL FILM C 3,3nF 50V 5% ECQ-B PANASONIC	S AA	AB
C 0357	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0358	RC-F24104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0359	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S AA	AA
C 0360	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S AA	AA
C 0361	RC-F24474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0362	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S AA	AB
C 0363	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA
C 0364	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0365	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA
C 0366	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0367	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0368	RC-F24104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0369	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0370	RC-F24332BMNJ	POL FILM C 3,3nF 50V 5% ECQ-B PANASONIC	S AA	AB
C 0371	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0372	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S AA	AB
C 0373	RC-F24104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0374	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S AA	AA
C 0375	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S AA	AA
C 0376	RC-F24474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0377	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	**
C 0378	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA
C 0379	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0380	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S AA	**
C 0381	RC-F24684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0382	RC-F24684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0383	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0401	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0402	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0403	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0406	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0408	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0409	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0410	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0411	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0412	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0413	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0414	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0415	VCEAGA1HW476M	ELEC C 47UF 20% 50V	S AA	**
C 0416	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0417	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0418	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0419	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0420	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0421	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0422	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S AA	**
C 0427	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA
C 0430	RC-F24334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0431	RC-F24334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	**

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
C 0432	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S AA	**
C 0433	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	**
C 0434	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0435	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0436	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0438	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0439	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0440	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0441	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0442	VCCCTV1HH390J	CERAM C 33PF 50V 2125SMD	S AA	**
C 0444	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S AA	**
C 0445	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S AA	**
C 0446	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S AA	**
C 0451	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0501	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S AA	**
C 0502	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0503	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0504	RC-F24684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0505	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0506	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0507	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S AA	AA
C 0508	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S AA	AA
C 0509	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA
C 0510	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0511	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S AA	AB
C 0512	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA
C 0514	RC-F24183BMNJ	POL FILM C 18NF 50V 5% ECQ-B PANASONIC	S AA	AA
C 0515	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S AA	**
C 0516	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0517	VCKYTV1HB273K	CERAM C 27NF 50V 2125SMD	S AA	AA
C 0518	VCCCTV1HH100D	CERAM C 10PF 50V 2125SMD	S AA	**
C 0520	VCEAGA1VW477M	ELEC C 470UW 20% 35V	S AA	**
C 0521	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0522	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0523	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0524	RC-F24104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0525	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S AA	AA
C 0526	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	**
C 0527	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0528	VCEAGA2AW106M	ELEC C 10UF 20% 100V	S AA	**
C 0529	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	**
C 0530	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0533	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0534	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0535	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	**
C 0540	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0601	RC-FZ0185BMZZ	C 11NF 1600V PCODE222237534113	S AA	AD
C 0606	VCKYTV1HB683K	CERAM C 68NF 50V 2125SMD	S AA	AA
C 0607	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S AA	**
C 0610	RC-F28223BMNJ	C MKS B26261 22NF 5% 630V SIEMENS	S **	AD
C 0611	RC-F27564BMNJ	PP FILM C 560NF 5% 400V	S AB	AE
C 0613	RC-F27564BMNJ	PP FILM C 560NF 5% 400V	S AB	AE
C 0615	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S AA	**
C 0616	VCEAGA1VW477M	ELEC C 470UF 20% 35V	S AA	**
C 0618	RC-F24474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0619	VCEA4A2CN225M	C UVZ2C2R2MEH1TA NICHICON	S AA	**
C 0620	VCEA4A2CN225M	C UVZ2C2R2MEH1TA NICHICON	S AA	**
C 0631	RC-F24474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	**
C 0633	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	**
C 0635	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0637	VCKYP2AH222K	CERAM C 2,2NF 10% 500V	S AA	**
C 0638	VCKYP2AH222K	CERAM C 2,2NF 10% 500V	S AA	**
C 0639	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	**
C 0640	VCKYTV1HB222K	CERAM C 2,2NF 50V 2125SMD	S AA	AA
C 0644	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S AA	**
C 0645	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S AA	AA
C 0650	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	**
△ C 0701	RC-FZ0160BMZZ	C B81133-D1474-M 470nF 275V SIEMENS	S AC	AF
C 0702	RC-FZ0173BMZZ	POL C 47NF 400V PHIL.365	S AN	AZ
C 0703	RC-KZ0165BMZZ	CERAM C DE0905-979E332ZAC250	S AA	AB
C 0704	RC-KZ0165BMZZ	CERAM C DE0905-979E332ZAC250	S AA	AB
C 0705	RC-EZ0141BMZZ	ELEC C 68UF 450V	S AD	AL
C 0706	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S AA	**
C 0707	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S AA	**

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
C 0710	VCKYPB3DE472Z	C DE1110-1E472Z2K MURATA	S	AA	**	R 0232	VRD-RA2BE561J	RES 560 OHM 5% 1/8W	S	AA	**
C 0711	RC-KZ0035CEZZ	CERAM C 220PF 2KV	S	AA	AC	R 0233	VRD-RA2BE561J	RES 560 OHM 5% 1/8W	S	AA	**
C 0712	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	**	R 0234	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
C 0713	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB	R 0235	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA
C 0714	RC-FZ4823BMNJ	POL FILM C 82nF 50V 5% ECQ-B PANASONIC	S	AA	AB	R 0236	VRS-TV1JD562J	2125 5.6KOHM 5% 1/10W SMD	S	AA	AA
C 0715	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA	R 0237	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
C 0716	VCKYTV1HB332K	CERAM C 3.3nF 50V 2125SMD	S	AA	**	R 0240	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S	AA	**
C 0717	VCKYTV1HB102K	CERAM C 1nF 50V 2125SMD	S	AA	AA	R 0241	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 0718	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S	AD	AD	R 0242	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 0719	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S	AD	AD	R 0243	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 0720	RC-EZ0258CEZZ	ELEC C 100MF 200V	S	AC	AK	R 0244	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
C 0721	VCEAHA1N477M	ELEC C 470UF 20% 35V 105°C	S	AA	**	R 0245	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S	AA	AA
C 0722	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 0246	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S	AA	**
C 0723	VCEAGA1AW228M	ELEC C 220UF 20% 10V	S	AA	AD	R 0247	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
C 0724	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S	AA	**	R 0248	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
C 0725	VCKYTV1HB472K	CERAM C 4,7nF 50V 2125SMD	S	AA	AA	R 0251	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S	AA	AA
C 0728	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 0252	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S	AA	AA
C 0730	VCKYTV1HF103Z	CERAM C 10nF 50V 2125SMD	S	AA	AA	R 0259	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
C 0731	VCKYTV1HF103Z	CERAM C 10nF 50V 2125SMD	S	AA	AA	R 0301	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 0732	VCKYTV1HF103Z	CERAM C 10nF 50V 2125SMD	S	AA	AA	R 0302	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 0733	VCKYTV1HF103Z	CERAM C 10nF 50V 2125SMD	S	AA	AA	R 0303	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 0735	VCKYTV1HB272K	CERAM C 2,7nF 50V 2125SMD	S	AA	AB	R 0304	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 0737	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	**	R 0306	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
C 0738	VCCCTV1HH560J	CERAM C 56PF 50V 2125SMD	S	AA	**	R 0307	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
C 0739	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S	AA	**	R 0308	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 0740	VCKYTV1HF223Z	CERAM C 22nF 50V 2125SMD	S	AA	**	R 0309	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
C 0741	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 0310	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
C 0742	VCKYTV1HB683K	CERAM C 68nF 50V 2125SMD	S	AA	AA	R 0311	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 0743	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 0312	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
C 0749	VCKYTV1CF474Z	CERAM C 470nF 16V 2125SMD	S	AA	AA	R 0313	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
△ C 0770	RC-KZ0106GEZZ	CERAM C DE1410 E332M-KX	S	AB	AC	R 0314	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 0821	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB	R 0315	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
C 1001	VCEAGA0JW477M	ELEC C 470UF 20% 6,3V	S	AA	**	R 0316	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
C 1002	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0317	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
C 1005	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0318	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 1014	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0319	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 1017	VCKYTV1HF333Z	CERAM C 33nF 50V 2125SMD	S	AA	AA	R 0320	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 1018	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 0321	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 1019	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	**	R 0322	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 1020	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	**	R 0323	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 1021	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0350	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 1022	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0351	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	**
C 1026	VCKYTV1HF103Z	CERAM C 10nF 50V 2125SMD	S	AA	AA	R 0352	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 1027	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	**	R 0353	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
C 1028	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0354	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 1030	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA	R 0355	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	**
C 1031	VCKZPA1HF103Z	CERAM C 10nF % 50V	S	AA	**	R 0356	VRS-TV1JD123J	2125 12KOHM 5% 1/10W SMD	S	AA	AA
C 1032	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB	R 0357	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
C 1033	VCKYTV1HF683Z	CERAM C 68nF 50V 2125SMD	S	AA	**	R 0358	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
C 2401	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	**	R 0359	VRD-RA2BE104J	RES 100KOHM 5% 1/8W	S	AA	**
C 2402	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	**	R 0360	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 2403	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0361	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 2404	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0362	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
C 2405	VCKYTV1EF224Z	CERAM C 220nF 25V 2125SMD	S	AA	AA	R 0363	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
C 2406	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA	R 0372	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
C 2407	VCKYTV1EF224Z	CERAM C 220nF 25V 2125SMD	S	AA	AA	R 0373	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
	RESISTORS					R 0374	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0203	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0375	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0204	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0376	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0205	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA	R 0377	VRS-TV1JD33J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 0208	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0378	VRS-TV1JD33J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 0209	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	**	R 0402	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**
R 0210	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S	AA	AA	R 0403	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0211	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0404	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0215	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	R 0405	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0216	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA	R 0406	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0217	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA	R 0408	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	**
R 0219	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA	R 0409	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**
R 0220	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA	R 0410	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S	AA	**
R 0226	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA	R 0412	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0229	VRD-RA2HD822J	RES 8.2KOHM 5% 1/2W	S	AA	**	R 0413	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0230	VRD-RA2HD822J	RES 8.2KOHM 5% 1/2W	S	AA	**	R 0414	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0231	VRD-RA2HD822J	RES 8.2KOHM 5% 1/2W	S	AA	**	R 0415	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
						R 0416	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S	AA	**

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 0418	VRD-RA2HD680J	RES 68 OHM 5% 1/2W	S	AA	**	R 0537	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S	AA	AA
R 0419	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	**	R 0538	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	**
R 0420	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	**	R 0539	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	**
R 0421	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	R 0540	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0422	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	R 0544	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0423	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	R 0545	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0424	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S	AA	**	R 0547	VRS-TV1JD392J	2125 3.9KOHM 5% 1/10W SMD	S	AA	**
R 0425	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	**	R 0548	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	**
R 0426	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S	AA	**	R 0549	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	**
R 0427	VRS-TV1JD820J	2125 82 OHM 5% 1/10W SMD	S	AA	AA	R 0552	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 0428	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	R 0553	RR-XZ0101BMZZ	FUS RES 1R2 TAP 5% 1/3W	S	AA	AB
R 0429	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	R 0561	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0430	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	R 0562	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0431	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	R 0603	VRD-RA2BE331J	RES 330 OHM 5% 1/8W	S	AA	**
R 0432	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	R 0604	VRN-VV3ABR33J	MET FILM R .33 OHM 5% 1W	S	AA	AA
R 0433	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	R 0605	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	**
R 0434	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0606	VRS-VV3AB102J	MET OX RES 1KOHM 5% 1W	S	AA	**
R 0435	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0607	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	**
R 0436	RR-XZ0112BMZZ	FUS RES 10R TAP 5% 1/3W	S	AA	AB	R 0608	VRD-RA2EE330J	RES 33 OHM 5% 1/4W	S	AA	AA
R 0437	VRS-TV1JD471J	2125 470 OHM 5% 1/10W SMD	S	AA	**	R 0610	R-R-XZ0208BMZZ	FUS RES 4R7 TAP 5% 1/2W	S	AA	AA
R 0445	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	R 0611	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S	AA	AA
R 0447	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA	R 0613	VRS-LU3LB332J	SET MET OX R 3,3KOHM 5% 3W LW	S	AA	AB
R 0448	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA	R 0614	VRD-RA2HD103J	RES 10KOHM 5% 1/2W	S	AA	**
R 0450	VRS-TV1JD220J	2125 22 OHM 5% 1/10W SMD	S	AA	**	R 0615	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S	AA	AA
R 0451	VRD-RA2HD221J	RES 220 OHM 5% 1/2W	S	AA	AA	R 0616	VRN-VV3LB1R5J	MET FILM R 1,5 OHM 5% 3W	S	AA	AB
R 0452	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S	AA	**	R 0617	RR-XZ0204BMZZ	FUS RES 2R2 TAP 5% 1/2W	S	AA	AB
R 0453	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S	AA	**	R 0623	VRN-VV3LBR56J	MET FILM R 0,56 OHM 5% 3W	S	AA	AB
R 0454	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA	R 0625	VRS-TQ2BD181J	OX RE 180 OHM 5% 1/8W SMD	S	AA	**
R 0455	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S	AA	**	R 0627	VRS-TQ2BD181J	OX RE 180 OHM 5% 1/8W SMD	S	AA	**
R 0456	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA	R 0628	VRD-RA2EE330J	RES 33 OHM 5% 1/4W	S	AA	AA
R 0458	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0634	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 0459	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0641	VRD-RA2HD470J	RES 47 OHM 5% 1/2W	S	AA	**
R 0460	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S	AA	**	R 0647	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0461	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	R 0650	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
R 0462	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S	AA	**	R 0653	VRD-RA2BE153J	RES 15KOHM 5% 1/8W	S	AA	AA
R 0463	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	R 0703	VRD-RA2HD154J	RES 150KOHM 5% 1/2W	S	AA	**
R 0464	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA	R 0706	VRS-TV1JD203J	2125 20KOHM 5% 1/10W SMD	S	AA	**
R 0465	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	R 0707	VRS-TV1JD912J	2125 9.1KOHM 5% 1/10W SMD	S	AA	**
R 0466	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0708	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0467	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA	R 0711	VRS-TV1JD182J	2125 1,8KOHM 5% 1/10W SMD	S	AA	AA
R 0468	VRS-TV1JD330J	2125 33 OHM 5% 1/10W SMD	S	AA	AA	R 0712	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S	AA	AA
R 0469	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	R 0713	VRC-MA2HG564J	SOLID R 560KOHM 5% 1/2W	S	AA	AA
R 0470	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	R 0714	VRC-MA2HG564J	SOLID R 560KOHM 5% 1/2W	S	AA	AA
R 0472	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S	AA	**	R 0715	VRW-KS3H4C473J	WOUND RES 47KOHM 5% 5W	S	AA	AE
R 0501	VRD-RA2HD151J	RES 150 OHM 5% 1/2W	S	AA	**	R 0716	VRN-VV3DBR18K	MET FILM R .18 OHM 10% 2W	S	AA	AB
R 0502	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	**	R 0717	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
R 0503	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	**	R 0718	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**
R 0504	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S	AA	**	R 0719	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 0505	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	**	R 0720	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0506	VRS-TQ2BD121J	OX RE 120 OHM 5% 1/8W SMD	S	AA	**	R 0721	VRD-RA2HD154J	RES 150KOHM 5% 1/2W	S	AA	**
R 0507	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA	R 0722	VRS-TV1JD330J	2125 33 OHM 5% 1/10W SMD	S	AA	AA
R 0508	VRD-RA2BE681J	RES 680 OHM 5% 1/8W	S	AA	**	R 0723	VRS-VV3AB271J	MET OX RES 270 OHM 5% 1W	S	AA	AA
R 0509	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S	AA	**	R 0724	VRS-TQ2BD271J	OX RE 270 OHM 5% 1/8W SMD	S	AA	AA
R 0510	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA	R 0727	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S	AA	AA
R 0511	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA	R 0728	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S	AA	AA
R 0512	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	**	R 0730	VRS-VV3DB151J	MET OX RES 150 OHM 5% 2W	S	AA	AA
R 0513	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	R 0733	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0514	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S	AA	AA	R 0735	VRS-TV1JD474J	2125 470KOHM 5% 1/10W SMD	S	AA	**
R 0515	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	**	R 0736	VRS-TV1JD474J	2125 470KOHM 5% 1/10W SMD	S	AA	**
R 0516	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 0737	VRS-TV1JD184J	2125 180KOHM 5% 1/10W SMD	S	AA	**
R 0517	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA	R 0738	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0518	VRN-VV3DB1R0J	MET FILM R 1 OHM 5% 2W	S	AA	AA	R 0739	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0519	VRD-RA2HD104J	RES 100KOHM 5% 1/2W	S	AA	AA	R 0740	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0521	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	△ R 0741	VRC-UA2HG825K	SOLID R 8,2MOHM 10% 1/2W	S	AA	AA
R 0522	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S	AA	**	△ R 0742	VRC-UA2HG825K	SOLID R 8,2MOHM 10% 1/2W	S	AA	AA
R 0524	VRS-TV1JD820J	2125 82 OHM 5% 1/10W SMD	S	AA	AA	R 0743	VRS-TQ2BD473F	OX RE 47KOHM 1% 1/8W	S	AA	AA
R 0526	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	**	R 0744	VRS-TQ2BD473F	OX RE 47KOHM 1% 1/8W	S	AA	AA
R 0527	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S	AA	AA	R 0745	VRS-TV1JD182F	2125 1,8KOHM 1% 1/10W SMD	S	AA	AA
R 0528	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	R 0746	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA
R 0530	RR-XZ0212BMZZ	FUS RES 10R TAP 5% 1/2W	S	AA	AB	R 0747	VRS-TV1JD272J	2125 2,7KOHM 5% 1/10W SMD	S	AA	**
R 0532	VRS-TV1JD682J	2125 6,8KOHM 5% 1/10W SMD	S	AA	**	R 0748	VRS-TV1JD472J	2125 4,7KOHM 5% 1/10W SMD	S	AA	AA
R 0533	VRD-RA2EE821J	RES 820 OHM 5% 1/4W	S	AA	**	R 0749	VRS-TV1JD105J	2125 1MOHM 5% 1/10W SMD	S	AA	AA
R 0534	VRD-RA2BE273J	RES 27KOHM 5% 1/8W	S	AA	**	R 0750	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0535	VRS-TV1JD682J	2125 6,8KOHM 5% 1/10W SMD	S	AA	**	R 0751	VRS-TV1JD2R7J	2125 2,7 OHM 5% 1/10W SMD	S	AA	**
						R 0754	VRS-TV1JD2R7J	2125 2,7 OHM 5% 1/10W SMD	S	AA	**

		PARTS	DESCRIPTION	*	SN CODE	EX CODE		REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 1029	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			R 2408	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S AA	**		
R 1030	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			R 2409	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA		
R 1031	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			R 2410	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA		
R 1032	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S AA	**			R 2411	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA		
R 1035	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			R 2412	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA		
R 1036	VRD-RA2BE472J	RES 4.7KOHM 5% 1/8W	S AA	AA			R 619A	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S AA	AA		
R 1037	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			R 619B	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S AA	AA		
R 1038	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA						MISCELLANEOUS PARTS			
R 1039	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA			(AA)	QCNM0672FCZZ	CONN B2P3-VH JST	S AA	AB		
R 1040	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA			(AV)	QCNW-2736BMZZ	WIRE 1 WAY	S AB	**		
R 1041	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			(CC)	QPLGN0241CEZZ	PLUG	S AA	**		
R 1042	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S AA	AA			(CN1)	QSOCZ2109BMZZ	TWIN SCART HR-DG1311G-0	S AG	AK		
R 1043	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S AA	AA			(CN2)	QSOCZ2107BMZZ	SOCKET	S AF	AE		
R 1044	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA			(EW)	QPLGN0241CEZZ	PLUG	S AA	**		
R 1045	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S AA	AA			(F)	QPLGN1505BMZZ	HEADER 4+1 JST B05B-DVS-L	S AA	**		
R 1046	VRS-TV1JD182J	2125 1.8KOHM 5% 1/10W SMD	S AA	AA			(FV)	QPLGN0241CEZZ	PLUG	S AA	**		
R 1047	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S AA	**			(G)	QPLGN0207CEZZ	PLUG	S AA	**		
R 1048	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S AA	**			(H)	QPLGN0541CEZZ	PLUG	S AA	**		
R 1049	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA			(MO)	QPLGN0441CEZZ	PLUG 4PIN	S AA	**		
R 1050	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA			(OP)	QPLGN0341CEZZ	PLUG	S AA	**		
R 1051	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA			(PW)	QCNM0672FCZZ	CONN B2P3-VH JST	S AA	AB		
R 1052	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			(RC)	QPLGN0341CEZZ	PLUG	S AA	**		
R 1053	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA			(RGB)	QPLGN0441CEZZ	PLUG 4PIN	S AA	**		
R 1054	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA			(SB)	QPLGN0685CEZZ	PLUG	S AA	**		
R 1055	VRD-RA2BE474J	RES 470KOHM 5% 1/8W	S AA	**			(SP)	QPLGN0441CEZZ	PLUG 4PIN	S AA	**		
R 1056	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA			(SS)	QPLGN0341CEZZ	PLUG	S AA	**		
R 1058	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA			(ST)	QPLGN0341CEZZ	PLUG	S AA	**		
R 1059	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA			(SW1)	QPLGN0341CEZZ	PLUG	S AA	**		
R 2401	VRS-TV1JD471J	2125 470 OHM 5% 1/10W SMD	S AA	**			(SW2)	QPLGN0341CEZZ	PLUG	S AA	**		
R 2402	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA			(YA)	QSOCN1285CEZZ	SOCKET	S AA	**		
R 2403	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S AA	AA			(YB)	QSOCN1285CEZZ	SOCKET	S AA	**		
R 2404	VRS-TV1JD560J	2125 56 OHM 5% 1/10W SMD	S AA	**			(YC)	QSOCN1285CEZZ	SOCKET	S AA	**		
R 2405	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA			FB 0301	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
R 2406	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	**			FB 0302	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
R 2407	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	**			FB 0303	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
R 2408	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S AA	**			FB 0501	RBLN-0020CEZZ	BALUNE	S AA	**		
R 2409	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA			FB 0603	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
R 2410	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA			FB 0701	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
R 2411	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA			FB 0702	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
R 2412	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA			FB 0703	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
		MISCELLANEOUS PARTS					FB 0705	RBLN-0020CEZZ	BALUNE	S AA	**		
IC 1002	QSOCZ0115SC32	SOCKET IC 32 PIN	S AA	AB			FB 1001	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	**		
(A)	QPLGN0304CEZZ	PLUG	S AA	**			FB 1002	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB		
△ (AV)	QCNW-2736BMZZ	WIRE 1 WAY	S AB	**			HD	QPLGN0341CEZZ	PLUG	S AA	**		
(CN2)	QSOCZ2107BMZZ	SOCKET	S AF	AE			IC 1002	QSOCZ0115SC32	SOCKET IC 32 PIN	S AA	AB		
(CN1)	QSOCZ2107BMZZ	SOCKET	S AF	AE			J 0002	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(F)	QPLGN1505BMZZ	HEADER 4+1 JST B05B-DVS-L	S AA	**			J 0013	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S AB	AB		
(FV)	QCNW-2475BMZZ	C BLINDADO 2 VIAS CON JST	S AB	**			J 0065	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(G)	QPLGN0207CEZZ	PLUG	S AA	**			J 0098	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(PW)	QCNM0672FCZZ	CONN B2P3-VH JST	S AA	AB			J 0126	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(RG)	QPLGN0441CEZZ	PLUG 4PIN	S AA	**			J 0132	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(SP)	QPLGN0441CEZZ	PLUG 4PIN	S AA	**			J 0218	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(YA)	QSOCN1285CEZZ	SOCKET	S AA	**			J 0219	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(YB)	QSOCN1285CEZZ	SOCKET	S AA	**			J 0220	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
(YC)	QSOCN1285CEZZ	SOCKET	S AA	**			J 0240	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
△ F 0701	QFS-C3226CEZZ	FUSE T3.15AH 250V	S AC	AE			J 0248	VRD-RA2HD221J	RES 220 OHM 5% 1/2W	S AA	AA		
FB 0302	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB			J 0279	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0303	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB			J 0281	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0501	RBLN-0020CEZZ	BALUNE	S AA	**			J 0283	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0603	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB			J 0286	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0701	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB			J 0289	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0702	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB			J 0294	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0703	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S AB	AB			J 0302	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 0705	RBLN-0020CEZZ	BALUNE	S AA	**			J 0310	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
FB 1001	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	**			J 0313	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0002	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA			J 0335	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0012	QFS-J2521CEZZ	FUSE 2,5A/125V LITTELFUSE	S AC	AD			J 0336	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0013	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S AB	AB			J 0338	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0014	QFS-J2521CEZZ	FUSE 2,5A/125V LITTELFUSE	S AC	AD			J 0339	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0061	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA			J 0341	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0065	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA			J 0342	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0072	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA			J 0350	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0075	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA			J 0351	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		
J 0098	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA									

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
J 0352	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0854	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	**
J 0360	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0855	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	**
J 0361	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0856	RC-FZ9224BMNJ	POL FILM C 220NF 5% 63V	S AA	AC
J 0701	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0857	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	**
JF 0003	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0859	RC-FZ9104BMNJ	POL FILM C 100NF 5% 63V	S AA	AB
JF 0020	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0861	VCCCPA1HH5R0C	CERAM C 5PF % 50V	S AA	**
JF 0022	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0862	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	**
JF 0030	VRS-TV1JD470J	2125 47 OHM 5% 1/10W SMD	S AA	**	C 0863	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	**
JF 0039	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0865	VCCCPA1HH7R0D	CERAM C 7PF % 50V	S AA	**
JF 0041	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0868	VCEAGH2EW107M	ELEC C 100MF 20% 250V	S AC	AH
JF 0046	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0869	VCKYPB3DE472Z	C DE1110-1E472ZK MURATA	S AA	**
JF 0047	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0871	RC-FZ9103BMNJ	POL FILM C 10NF 5% 63V	S AA	AB
JF 0052	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0874	RC-FZ9103BMNJ	POL FILM C 10NF 5% 63V	S AA	AB
JF 1001	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0877	RC-FZ9103BMNJ	POL FILM C 10NF 5% 63V	S AA	AB
JF 1008	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0880	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S AC	AE
JL 0012	QCNW-2736BMZZ	WIRE 1 WAY	S AB	**	C 0881	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S AA	**
JL 0014	QCNW-2736BMZZ	WIRE 1 WAY	S AB	**	C 0882	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S AC	AE
L 0002	QTIPM0017CEFM	TIP	S AA	AA	C 0883	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S AA	**
L 0005	QTIPM0017CEFM	TIP	S AA	AA	C 0884	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S AC	AE
L 0006	QTIPM0017CEFM	TIP	S AA	AA	C 0885	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S AA	**
T 0702	VHDBTW34F/-1	DIODE BT134W-500 PHILIPS	S AD	AE	C 0887	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S AA	**
△ VS	QPLGN0341CEZZ	PLUG	S AA	**	C 0890	RC-FZ9223BMNJ	POL FILM C 22NF 5% 63V	S AA	AB
<b>PWB-B</b>									
<b>TRC UNIT</b>									
		<b>INTEGRATED CIRCUITS</b>							
IC 0850	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S AH	AQ	C 0891	VCCCPA1HH101J	C CAPACITOR	S AA	AA
IC 0851	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S AH	AQ	C 0892	VCCCPA1HH101J	C CAPACITOR	S AA	AA
IC 0852	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S AH	AQ	C 0893	VCCCPA1HH101J	C CAPACITOR	S AA	AA
Q 1601	VS2SC5022//1E	TRT C5022 HITACHI	S AB	AF	C 1610	RC-FZ9104BMNJ	POL FILM C 100NF 5% 63V	S AA	AB
		<b>TRANSISTORS</b>			C 1611	RC-FZ9102BMNJ	POL FILM C 1NF 5% 63V	S AA	AB
Q 0851	VS2SA1246//1E	TRT A1246 SANYO	S AA	AB	C 1614	VCKZPA1HF103Z	CERAM C 10NF % 50V	S AA	**
Q 0852	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5405	RC-FZ9224BMNJ	POL FILM C 220NF 5% 63V	S AA	AC
Q 0853	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5407	RC-FZ9103BMNJ	POL FILM C 10NF 5% 63V	S AA	AB
Q 0854	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5408	RC-FZ0156BMZZ	C B32529-B6473K 47nF 400V SIEMENS	S AD	AE
Q 0855	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA	C 5409	RC-FZ9122BMNJ	POL FILM C 1,2NF 5% 63V	S AA	AB
Q 0856	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5414	VCEAGA2CW226M	ELEC C 22UF 20% 160V	S AA	**
Q 0857	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5416	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	**
Q 0858	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA	C 5418	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	**
Q 0859	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5419	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	**
Q 0860	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	C 5420	RC-FZ9474BMNJ	POL FILM C 470NF 5% 63V	S AB	AD
Q 0861	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA	C 5421	RC-FZ9474BMNJ	POL FILM C 470NF 5% 63V	S AB	AD
Q 0862	RH-TX0111BMZZ	TRT PH-2369 PHILIPS	S AA	AB	C 5422	RC-FZ9473BMNJ	POL FILM C 47NF 5% 63V	S AA	AC
Q 0863	RH-TX0135BMZZ	TRT BF324 PH	S AB	AC	C 5424	RC-FZ6683BMNJ	PP FILM C 68NF 5% 250V	S AA	AB
Q 0864	VS2SA1837//1-1	TRT A1837 TOSHIBA	S AB	AE			<b>RESISTORS</b>		
Q 0865	VS2SC4793//1	TRT C4793 TOSHIBA	S AB	AE	R 0853	VRD-RA2BE223J	RES 22KOHM 5% 1/8W	S AA	**
Q 0866	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	R 0854	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S AA	**
Q 0867	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	R 0855	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	**
Q 0868	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	R 0856	VRD-RA2EE680J	RES 68 OHM 5% 1/4W	S AA	**
Q 0869	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA	R 0857	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
Q 0870	RH-TX0108BMZZ	TRT BC635	S AA	AC	R 0858	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	**
		<b>DIODES</b>			R 0859	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
D 0851	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	R 0860	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA
D 0852	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	R 0861	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
D 0861	RH-DX0501BMZZ	DIODE 1N4004	S AA	AA	R 0862	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	**
D 0862	RH-DX0501BMZZ	DIODE 1N4004	S AA	AA	R 0863	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
D 0863	RH-DX0501BMZZ	DIODE 1N4004	S AA	AA	R 0864	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S AA	**
D 0864	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	R 0865	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S AA	**
D 0865	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S AB	AB	R 0866	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
D 0866	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S AB	AB	R 0867	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	**
D 0867	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S AB	AB	R 0868	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
D 0868	RH-EX0409BMZZ	ZENER DIODE BZX79C5V6	S AA	AA	R 0869	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
D 0869	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	R 0870	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	**
D 5408	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	R 0872	VRD-RA2BE562J	RES 5,6KOHM 5% 1/8W	S AA	**
D 5409	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	R 0873	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA
D 5411	RH-EX0418BMZZ	ZENER DIODE BZX79C13V	S AB	AB	R 0874	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S AA	**
		<b>COILS</b>			R 0875	VRD-RA2BE562J	RES 5,6KOHM 5% 1/8W	S AA	**
L 0864	RCILP0275BMZZ	COIL AR621LY-220K=R TOKO	S AA	AD	R 0876	VRD-RA2BE562J	RES 5,6KOHM 5% 1/8W	S AA	**
		<b>CAPACITORS</b>			R 0880	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S AA	AA
C 0850	VCEAGA1CW337M	ELEC C 330UF 20% 16V	S AA	AC	R 0881	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	**
C 0851	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	**	R 0882	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
C 0852	RC-FZ9103BMNJ	POL FILM C 10NF 5% 63V	S AA	AB	R 0883	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S AA	AA
C 0853	VCEAGA1CW108M	ELEC C 1000UF 20% 16V	S AA	**	R 0884	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S AA	AA



REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
D 6003	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 6042	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
D 6004	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA	C 6043	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
D 6005	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 6044	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
D 6006	RH-EX0561BMZZ	ZENER DIODE TZMC24 TFK SMD	S	AA	AA	C 6045	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
D 6007	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 6046	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
D 6008	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 6047	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
D 6010	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 6048	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
D 6013	RH-EX0540BMZZ	ZENER DIODE TZMC3V3 TFK SMD	S	AA	AA	C 6049	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
D 6014	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 6050	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
D 6015	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 6051	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	**
		PACKAGED CIRCUITS				C 6052	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
X 1003	RCRSB0236BMZZ	CRYSTAL 5MHZ ACAL	S	AB	AG	C 6053	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
X 6001	RCRSB0219BMZZ	CRYSTAL 20.25 HMZ	S	AG	AH	C 6054	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
X 6002	RCRSB0242BMZZ	CRYSTAL 27MHZ	S	AC	AH	C 6055	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
		COILS				C 6056	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
L 6001	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6057	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
L 6002	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6058	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
L 6003	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6059	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
L 6004	VP-NM100KR42N	COIL 10UH SMD	S	AA	**	C 6060	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 6005	VP-NM1R0MR10N	COIL 1UH SMD	S	AB	AB	C 6061	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
L 6006	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**	C 6062	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
L 6007	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6063	VCCCTV1HH560J	CERAM C 56PF 50V 2125SMD	S	AA	**
L 6008	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6064	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 6009	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6065	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	**
L 6010	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6066	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
L 6012	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6067	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
L 6013	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6068	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 6014	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6069	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S	AA	**
L 6015	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6070	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
L 6017	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	**	C 6072	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S	AA	**
		CAPACITORS				C 6073	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S	AA	**
C 6001	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	**	C 6074	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6002	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	**	C 6078	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	**
C 6004	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	**	C 6079	RC-FZ9223BMNJ	POL FILM C 22NF 5% 63V	S	AA	AB
C 6005	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA	C 6081	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S	AA	**
C 6006	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	**	C 6083	RC-FZ4154BMNJ	POL FILM C 150NF 50V 5% ECQ-V PANASONIC	S	AA	**
C 6007	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	**	C 6084	VCKYTV1HB222K	CERAM C 2,2NF 50V 2125SMD	S	AA	AA
C 6008	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	C 6085	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S	AA	**
C 6009	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	**	C 6109	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	**
C 6010	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	**	C 6110	VCKYTV1HB393K	CERAM C 39NF 50V 2125SMD	S	AA	AA
C 6011	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	C 6205	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	**
C 6012	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	C 6225	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	**
C 6013	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	C 6226	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	**
C 6014	VCEAGA1HW335M	ELEC C 3,3UF 20% 50V	S	AA	AA			RESISTORS			
C 6015	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 6001	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**
C 6016	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S	AA	**	R 6002	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**
C 6017	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	**	R 6003	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**
C 6018	VCKYTV1HF153Z	CERAM C 15NF 50V 2125SMD	S	AA	AA	R 6004	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
C 6019	VCKYTV1HF153Z	CERAM C 15NF 50V 2125SMD	S	AA	AA	R 6005	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	**
C 6020	VCKYTV1HF153Z	CERAM C 15NF 50V 2125SMD	S	AA	AA	R 6006	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	**
C 6021	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S	AA	**	R 6007	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	**
C 6022	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	**	R 6008	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6023	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S	AA	**	R 6009	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6024	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 6010	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6025	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	**	R 6011	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6026	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	**	R 6012	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6027	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	**	R 6013	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6028	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	**	R 6014	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6029	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA	R 6015	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6030	VCEAGA0JW477M	ELEC C 470UF 20% 6,3V	S	AA	**	R 6016	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6031	VCCCTV1HH3R3C	CERAM C 3,3PF 50V 2125SMD	S	AA	AA	R 6017	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6032	VCCCTV1HH3R3C	CERAM C 3,3PF 50V 2125SMD	S	AA	AA	R 6018	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6033	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA	R 6019	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6034	VCEAGA0JW477M	ELEC C 470UF 20% 6,3V	S	AA	**	R 6020	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6035	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	**	R 6021	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6036	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	**	R 6022	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6037	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	**	R 6023	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6038	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	**	R 6024	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6039	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB	R 6025	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6040	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB	R 6026	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
C 6041	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA	R 6027	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
						R 6028	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
						R 6029	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 6030	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	PWB-E					
R 6031	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	AUDIO AMPLIFIER					
R 6032	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	INTEGRATED CIRCUITS					
R 6035	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	TRANSISTORS					
R 6036	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA	IC 1301	VHIBA4558F/-1	IC BA4558F-E2 ROHM OP-AMP	S	AA	AC
R 6037	VRS-TV1JD562J	2125 5.6KOHM 5% 1/10W SMD	S	AA	AA	IC 1302	VHITDA7480/-1	IC TDA7480 THOMSON	S	AF	AK
R 6038	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA	IC 1303	VHITDA7481/-1	IC TDA7481 THOMSON	S	AE	AN
R 6039	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA	COILS					
R 6040	VRS-TV1JD122J	2125 1.2KOHM 5% 1/10W SMD	S	AA	AA	L 1301	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
R 6041	VRS-TV1JD181J	2125 180 OHM 5% 1/10W SMD	S	AA	AA	L 1302	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
R 6042	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S	AA	**	L 1305	RCILP0285BMZ	COIL PCV1620-500K DIONIX	S	AB	AF
R 6043	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA	L 1306	RCILP0278BMZ	COIL A823LY-680K TOKO	S	AA	AD
R 6048	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	L 1307	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
R 6049	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	L 1308	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
R 6050	RR-XZ0204BMZZ	FUS RES 2R2 TAP 5% 1/2W	S	AA	AB	CAPACITORS					
R 6051	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S	AA	AA	C 1301	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S	AD	AD
R 6052	VRS-TV1JD821F	2125 820 OHM 1% 1/10W SMD	S	AA	**	C 1303	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S	AD	AD
R 6054	VRS-TV1JD272F	2125 2.7KOHM 1% 1/10W SMD	S	AA	**	C 1333	RC-FZ4104BMN	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
R 6068	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA	C 1334	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA
R 6069	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA	C 1335	VCEAGA1EW476M	ELEC C 47UF 20% 25V	S	AA	AA
R 6071	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	C 1336	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
R 6072	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	C 1337	VCKYTV1HB472K	CERAM C 4.7nF 50V 2125SMD	S	AA	AA
R 6073	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	C 1338	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	**
R 6074	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	C 1339	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA
R 6075	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	**	C 1340	RC-FZ4343BMN	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	**
R 6080	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1341	VCEAGA1HW225M	ELEC C 2.2UF 20% 50V	S	AA	AB
R 6081	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1342	RC-FZ4104BMN	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
R 6082	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1343	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S	AA	AA
R 6083	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1344	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S	AA	**
R 6084	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1345	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA
R 6086	VRS-TV1JD105J	2125 1MOHM 5% 1/10W SMD	S	AA	AA	C 1346	RC-FZ4474BMN	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	**
R 6087	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1347	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA
R 6088	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	C 1348	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	**
R 6089	VRS-TV1JD122J	2125 1.2KOHM 5% 1/10W SMD	S	AA	AA	C 1349	VCEAGA1EW107M	ELEC C 100UF 20% 25V	S	AA	**
R 6090	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA	C 1350	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA
R 6092	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1351	RC-FZ4104BMN	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
R 6095	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1352	VCKYTV1HB332K	CERAM C 3.3nF 50V 2125SMD	S	AA	**
R 6096	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA	C 1353	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
R 6097	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA	C 1354	VCEAGA1HW225M	ELEC C 2.2UF 20% 50V	S	AA	AB
R 6098	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S	AA	**	C 1355	RC-FZ4104BMN	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
R 6099	VRS-TV1JD680J	2125 68 OHM 5% 1/10W SMD	S	AA	**	C 1356	VCKYTV1HB472K	CERAM C 4.7nF 50V 2125SMD	S	AA	AA
R 6100	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	C 1357	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S	AA	AA
R 6101	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	C 1358	RC-FZ4474BMN	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	**
R 6102	VRS-TV1JD334J	2125 330KOHM 5% 1/10W SMD	S	AA	**	C 1360	VCEAGA1EW107M	ELEC C 100UF 20% 25V	S	AA	**
R 6103	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	C 1361	VCKYTV1HF104Z	CERAM C 100nF 50V 2125SMD	S	AA	AA
R 6104	VRS-TV1JD475J	2125 4.7MOHM 5% 1/10W SMD	S	AA	**	C 1364	VCEAGA1HW226M	ELEC C 22UF 20% 50V	S	AA	**
R 6105	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA	C 1365	VCEAGA1HW226M	ELEC C 22UF 20% 50V	S	AA	**
R 6106	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S	AA	AA	C 1366	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S	AA	**
R 6107	VRS-TV1JD564J	2125 560KOHM 5% 1/10W SMD	S	AA	**	C 1367	RC-FZ4684BMN	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S	AA	**
R 6117	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	C 1368	VCKYTV1HF473Z	CERAM C 47nF 50V 2125SMD	S	AA	**
R 6118	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA	RESISTORS					
R 6124	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 1301	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S	AA	**
R 6125	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA	R 1316	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA
R 6126	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA	R 1317	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 6127	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA	R 1318	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
R 6128	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA	R 1320	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 6129	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA	R 1321	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 6130	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S	AA	AA	R 1322	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 6307	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA	R 1324	VRS-TV1JD123J	2125 12KOHM 5% 1/10W SMD	S	AA	AA
MISCELLANEOUS PARTS						R 1325	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
(KA)	QPLGN0842CEZZ	PLUG	S	AA	**	R 1327	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
(NOA)	QPWBFT295BMN0	PWB DIGITAL MODULE VPC	S	-	-	R 1328	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
(RGB)	QPLGN0442CEZZ	PLUG	S	AA	**	R 1329	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
(YA)	QPLGN1285CEZZ	PLUG	S	AB	AD	R 1330	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	**
(YB)	QPLGN1285CEZZ	PLUG	S	AB	AD	R 1331	VRS-TV1JD563J	2125 56KOHM 5% 1/10W SMD	S	AA	**
(YC)	QPLGN1285CEZZ	PLUG	S	AB	AD	R 1332	VRD-RA2HD681J	RES 680 OHM 5% 1/2W	S	AA	AA
FB 6205	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**	R 1333	VRD-RA2HD681J	RES 680 OHM 5% 1/2W	S	AA	AA
FB 6206	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**	R 1334	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
FB 6207	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**						
FB 6208	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**						
FB 6210	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**						
FB 6211	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**						
FB 6212	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	**						

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 1335	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 1717	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
<b>MISCELLANEOUS PARTS</b>					
(SB)	QPLGN0685CEZZ	PLUG	S	AA	**
(SPC)	QPLGN0241CEZZ	PLUG	S	AA	**
(SPW)	QPLGN0241CEZZ	PLUG	S	AA	**
(VS)	QPLGN0341CEZZ	PLUG	S	AA	**
J 2	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 3	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 4	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 5	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 8	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA

**PWB-F FRONTAL POWER UNIT**

		DIODES			
D 6751	RH-PX0105BMZZ	LED SPB-25MVW ROHM	S	AC	AC
D 6752	RH-PX0105BMZZ	LED SPB-25MVW ROHM	S	AC	AC
<b>CAPACITORS</b>					
C 6715	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	**
<b>RESISTORS</b>					
R 6701	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S	AA	**
R 6702	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S	AA	**
R 6751	VRD-RA2BE332J	RES 3,3KOHM 5% 1/W	S	AA	**
R 6738	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6739	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
<b>MISCELLANEOUS PARTS</b>					
(A)	QCNW-2820BMZZ	VOLTAGE SUPPLY 220V	S	AA	**
(A)0000	QPLGN0207CEZZ	PLUG	S	AA	**
(M)0000	QPLGN0304CEZZ	PLUG	S	AA	**
(OP)0000	QPLGN0341CEZZ	PLUG	S	AA	**
(OPC)	QCNW-2839BMZZ	WIRE 3 WAYS PROTECTED	S	AA	**
(RC)	QCNW-2797BMZZ	WIRE 3 WAYS (RD)	S	AA	**
(RC0000)	QPLGN0341CEZZ	PLUG	S	AA	**
(ST)	QCNW-2839BMZZ	WIRE 3 WAYS PROTECTED	S	AA	**
(ST)	QPLGN0341CEZZ	PLUG	S	AA	**
(SW0001)	QPLGN0341CEZZ	PLUG	S	AA	**
(SW0002)	QPLGN0341CEZZ	PLUG	S	AA	**
(SW1)	QCNW-2797BMZZ	WIRE 3 WAYS (RD)	S	AA	**
(SW2)	QCNW-2797BMZZ	WIRE 3 WAYS (RD)	S	AA	**
△ F 6701	QFS-C3226CEZZ	FUSE T3.15A 250V	S	AC	AE
LP 6701	RLAMP0001BMZZ	NEON TYPE 4/30HB NEOTRONIC	S	AB	AC
M 6701	RRMCU0203BMZZ	R/C RECEIVER TSOP1738 TFK	S	AD	AG
OPC1	RH-IX1601BMZZ	IC OPC	S	AG	**
△ S 6701	QSW-P0600BMZZ	SWITCH S40 3110432713 GDE	S	AF	AL
S 6702	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	**
S 6703	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	**
S 6704	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	**
S 6705	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	**
	QFSHD1001BMZZ	FUSE HOLD EYF52BC=PANASON	S	AA	AA
	QFSHD1002BMZZ	FUSE HOLD EYF52BC=PANASON	S	AA	AA

**PWB-F FRONTAL A/V UNIT**

		COILS			
L 0317	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB
L 0318	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB
<b>CAPACITORS</b>					
C 0336	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0337	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0428	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 0429	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
<b>RESISTORS</b>					
R 0316	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
R 0317	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
R 0449	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	**
<b>MISCELLANEOUS PARTS</b>					
(CC)	QCNW-2801BMZZ	WIRE 2 WAYS (CC)	S	AB	**

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
(CC)	QPLGN0241CEZZ	PLUG	S	AA	**
(CN4)	QJAKJ0047CEZZ	EARPHONE JACK HSJ0998-72	S	AA	AG
(FV)	QCNW-2825BMZZ	WIRE (FV) 2 WAYS	S	AB	**
(FV)	QPLGN0241CEZZ	PLUG	S	AA	**
(HD)	QCNW-2849BMZZ	WIRE 3 WAYS HD	S	AA	**
(HD)	QPLGN0341CEZZ	PLUG	S	AA	**
(SS)	QCNW-2792BMZZ	WIRE 3 WAYS (SS)	S	AA	**
(SS)	QPLGN0341CEZZ	PLUG	S	AA	**
J 0401	QJAKZ0015CEZZ	JACK	S	AH	AM
JF 0001	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0003	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA

**PWB-E LINE FILTER UNIT**

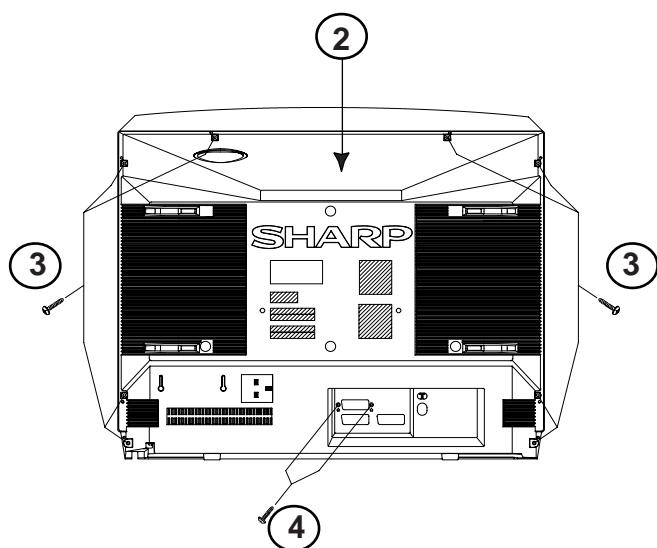
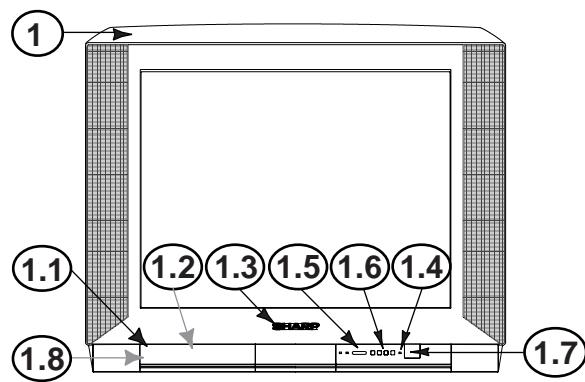
		COILS			
L 4701	RCILF0108BMZZ	COIL 472839.00 THOMSON	S	AF	AL
<b>CAPACITORS</b>					
△ C 4701	RC-FZ0160BMZZ	C B8113-D1474-M 470nF 275V SIEMENS	S	AC	AF
△ C 4746	RC-FZ0192BMZZ	C 330NF 275V X2 222233820334 PHILIPS	S	AA	**
<b>MISCELLANEOUS PARTS</b>					
(A)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
(AA)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
△ (AA)	QCNW-2873BMZZ	WIRE AA POWER SUPPLY 2 VIAS	S	AB	**
<b>MISCELLANEOUS PARTS</b>					
△	QACZZ2100BMSA	AC CORD	S	AH	AR
(EW)	QCNW-2855BMZZ	WIRE 2 WAYS 43CM DOUBLE INSULATION	S	AA	**
(F)	QCNW-2828BMZZ	WIRE (F) 4 WAYS	S	AB	AF
(H)	QCNW-2783BMZZ	WIRE (KA) 5 WAYS	S	AB	**
(KA)	QCNW-2793BMZZ	WIRE (K)	S	AD	**
(MO)	QCNW-2858BMZZ	WIRE DOUBLE 4 WAYS	S	AC	**
(PW)	QCNW-2868BMZZ	POWER SUPPLIER WIRE PFC PWA	S	AB	AF
(VS)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
	RRMCG1071BMSA	R/C CA-10 HOSIDEN	S	AS	AW
	QCNW-2808BMZZ	WIRE (WA) 2 WAYS	S	AA	**
FB 1	RCORF0002BMZZ	FERRITE CORE TFC-16816EX	S	AF	AK
L 5	QCNW-2861BMZZ	WIRE WROUND DOUBLE AISOLATION	S	AA	**
L 6	QCNW-2861BMZZ	WIRE WROUND DOUBLE AISOLATION	S	AA	**
RSP-Z0096CEZZ		WOOFER SPEAKER BOX FOSTER	S	AT	BD
	VSP1206PB437A	SPEAKER 7 OHM 12W DAIWA	S	AE	AP
	LCHSM1011BMZZ	CHASSIS FRAME	S	AD	**
△	QCNW-2745BMZZ	MAT WIRE OREGA 100463.20	S	AC	**

**CABINET PARTS**

1	CCABA1298BMV0	CABINET SET 72GF66E	S	BB	BR
1.1	GDORF1058BMSA	DOOR	S	AA	AE
1.2	PKAI-1083BM00	DOOR LATCH	S	AC	AF
1.3	HBDGB3510BMSA	BADGE SHARP	S	AC	AK
1.4	HDECQ0053BMSA	LED DECORATION	S	AA	AC
1.5	HDECQ0045BMSA	R/C DECORATION	S	AA	AC
1.6	JBTN-1064BMSA	UP/DOWN BUTTON	S	AA	AD
1.7	JBTN-1063BMSA	POWER BUTTON	S	AA	AC
1.8	HINDP5110BMSA	INDICATOR	S	AA	**
2	GCABB1114BMKA	REAR CABINET 72GF68E	S	AW	**
3	XTASB40P2000	REAR CABINET SCREWS	S	AA	AA
4	XTBSB30P13000	AV SCREWS	S	AA	AA

**OWNERS MANUAL**

TINS-6945BMNO	OWNERS MANUAL 72GF66EDE	S	AE	AN
TINS-6876BMNO	OWNERS MANUAL 72GF66EES	S	AE	AP
TINS-6882BMNO	OWNERS MANUAL 72GF66EIT	S	AE	**
TINS-6944BMNO	OWNERS MANUAL 72GF66ECH	S	AB	**



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